



# RÉSULTATS ANNUELS 2015

25 février 2016

# AGENDA

## Remarques préliminaires

Vision stratégique  
et plan de transformation à 3 ans

Résultats annuels 2015

Perspectives financières

Conclusion



## INTRODUCTION

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- **Guidance 2015 atteinte** dans un contexte de marché extrêmement difficile avec des **dépréciations d'actifs significatives** qui impactent le résultat net part du Groupe
  
- **La Transition Énergétique** crée des opportunités majeures **au niveau mondial**
  
- ENGIE décide **d'accélérer le tournant stratégique** décidé il y a 2 ans
  - En s'appuyant sur ses **positions historiques de premier plan**
  - **En préparant le futur** avec des investissements dans l'innovation et les nouvelles technologies

# RÉSULTATS 2015

**Guidance 2015 atteinte, forte génération de cash et solide structure financière, preuves de résilience dans un contexte de marché détérioré**

En Mds€	Résultats 2015	Guidance 2015
RÉSULTAT NET RÉCURRENT part du Groupe incluant la contribution nucléaire en Belgique	<b>2,6</b> 2,7 à température moyenne en France	<b>2,6 – 2,9<sup>(1)</sup></b> à température moyenne en France
DETTE NETTE/ EBITDA	<b>2,5 x</b>	<b>≤ 2,5 x</b>
NOTATION DE CRÉDIT	<b>A / A1</b>	<b>Catégorie A</b>
DIVIDENDE	<b>1€/action</b>	<b>1€/action minimum</b>

**Environnement de marché difficile ayant pour conséquences des dépréciations comptables significatives et l'accélération de notre tournant stratégique**

DÉPRÉCIATIONS après impôts et intérêts minoritaires	<b>6,8 Mds€</b>
RÉSULTAT NET part du Groupe	<b>- 4,6 Mds€</b>

(1) Guidance de 2,75-3,05 milliards d'euros telle qu'ajustée le 1<sup>er</sup> octobre 2015 et après contribution nucléaire (0,17 milliards d'euros) suite à la convention entre l'Etat belge, ENGIE et Electrabel conclue le 30 novembre 2015

## — REMARQUES PRÉLIMINAIRES

# UN PLAN DE TRANSFORMATION À 3 ANS QUI S'APPUIE SUR DES POSITIONS INDUSTRIELLES FORTES

- Stratégie orientée vers les activités peu émettrices de CO<sub>2</sub>, les solutions intégrées pour les clients et les activités contractées / régulées
  - En s'appuyant sur des positions historiques de leader
  - En réduisant l'exposition aux prix des commodités
- Plan de transformation 2016-2018 visant à créer de la valeur
  - En redessinant le portefeuille
  - En investissant pour préparer le futur
  - En améliorant la performance
  - En adaptant le Groupe
- Offrir une politique de rémunération pérenne aux actionnaires qui s'appuie sur
  - Un profil de risque amélioré
  - Une structure financière renforcée

ÊTRE LEADER DE LA TRANSITION ÉNERGÉTIQUE MONDIALE

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# UNE RÉVOLUTION QUI OFFRE DES OPPORTUNITÉS

## UNE RÉVOLUTION EN COURS...

- Pour répondre à des défis sociaux et environnementaux
- Stimulée par le digital et l'innovation technologique
- Avec des conséquences majeures
  - Nouveaux équilibres de production/consommation
  - Nouveaux types d'infrastructures d'énergie (3Ds)
  - Décentralisation des stratégies énergétiques

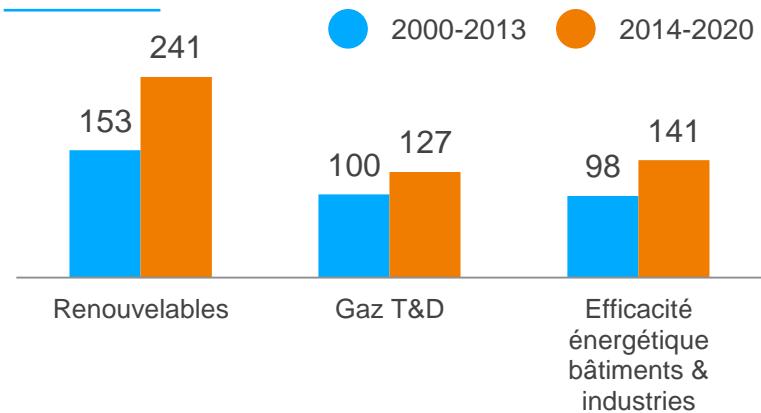
Des infrastructures d'énergie centralisées  
Un business capitaliste



## ...OFFRANT DE NOMBREUSES OPPORTUNITÉS

- Pour le monde / Pour nos clients
- Pour ENGIE

En Mds\$, investissements mondiaux moyens annuels<sup>(1)</sup>  
(\$ 2012)



(1) Source : OECD/IAE 2014

# POURQUOI ENGIE EST LE MIEUX POSITIONNÉ POUR SAISIR CES OPPORTUNITÉS?

## POSITIONS UNIQUES DE LEADER

### ÉNERGIE CENTRALISÉE

Leader mondial de la production indépendante d'électricité  
117 GW

Leader européen dans les infrastructures gazières

### ÉNERGIE DÉCENTRALISÉE

21 millions de clients en Europe

Leader dans les solutions énergétiques B2B

Activités B2T & villes

## ACTEUR GLOBAL

70 pays

Positions historiques fortes

Portefeuille de projets diversifié

## UN ADN DE PIONNIER

Capacité à se réinventer inscrite dans l'histoire du Groupe

Développement de solutions innovantes

Investissements précoce dans les technologies de rupture

## STRUCTURE FINANCIÈRE SOLIDE

Notation de catégorie A

Dette nette / EBITDA  $\leq 2,5x$

Forte génération de cash



ENGIE

# UN PRÉCURSEUR DANS LE NOUVEAU MONDE DE L'ÉNERGIE



Centrale photovoltaïque – Bollène, France

RÉSULTATS ANNUELS 2015

ENGIE

# PLAN DE TRANSFORMATION 2016-18

REDESSINER  
& SIMPLIFIER  
LE PORTEFEUILLE

**15 Mds€**  
ROTATION  
DE PORTEFEUILLE  
  
**22 Mds€**  
INVESTISSEMENTS  
dont 7 Mds€ de maintenance

AMÉLIORER LA  
PERFORMANCE

**1 Md€**  
PROGRAMME  
DE PERFORMANCE

PRÉPARER  
LE FUTUR

S'ENGAGER  
DANS LA  
TRANSFORMATION  
DIGITALE

**1,5 Md€**  
TECHNOLOGIES ÉMERGENTES  
DIGITAL



AGILE  
ET CONNECTÉ



CENTRÉ SUR  
LA TECHNOLOGIE



ORIENTÉ VERS  
LES TALENTS

ADAPTER LE GROUPE

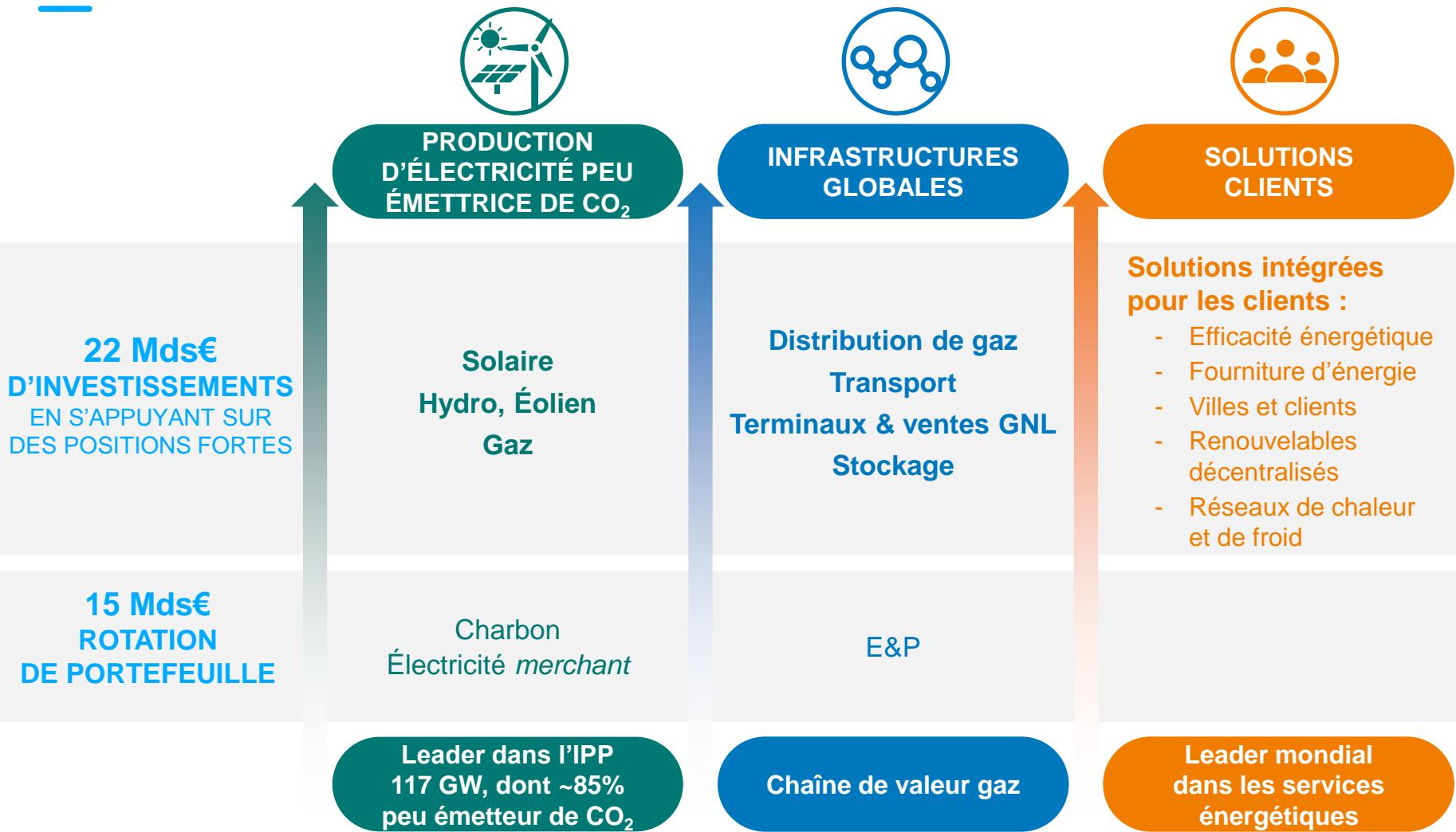
# REDESSINER & SIMPLIFIER NOTRE PORTEFEUILLE VERS 3 DIRECTIONS STRATÉGIQUES



(1) Hors production d'électricité *merchant*, E&P et achat/vente de GNL

(2) Production d'électricité peu émettrice de CO<sub>2</sub>, infrastructures gazières & GNL, aval

# REDESSINER & SIMPLIFIER LE PORTEFEUILLE



# PROGRAMME DE ROTATION DE PORTEFEUILLE DE 15 Mds€

## >1/3 DÉJÀ SIGNÉ À CE JOUR

### 2 TRANSACTIONS SIGNÉES

#### 10 GW DE PRODUCTION D'ÉLECTRICITÉ MERCHANT<sup>(1)</sup>

- États-Unis
- Thermique et station de pompage
- 4,1 Mds€ impact dette nette

#### 3 GW DE CENTRALES CHARBON

- 2 GW en Indonésie (Paiton)
- 1 GW en Inde (Meenakshi)<sup>(2)</sup>
- 1,4 Md€ impact dette nette

- 5,5 Mds€  
impact dette nette

P/E<sub>2015</sub> moyen >33x

&

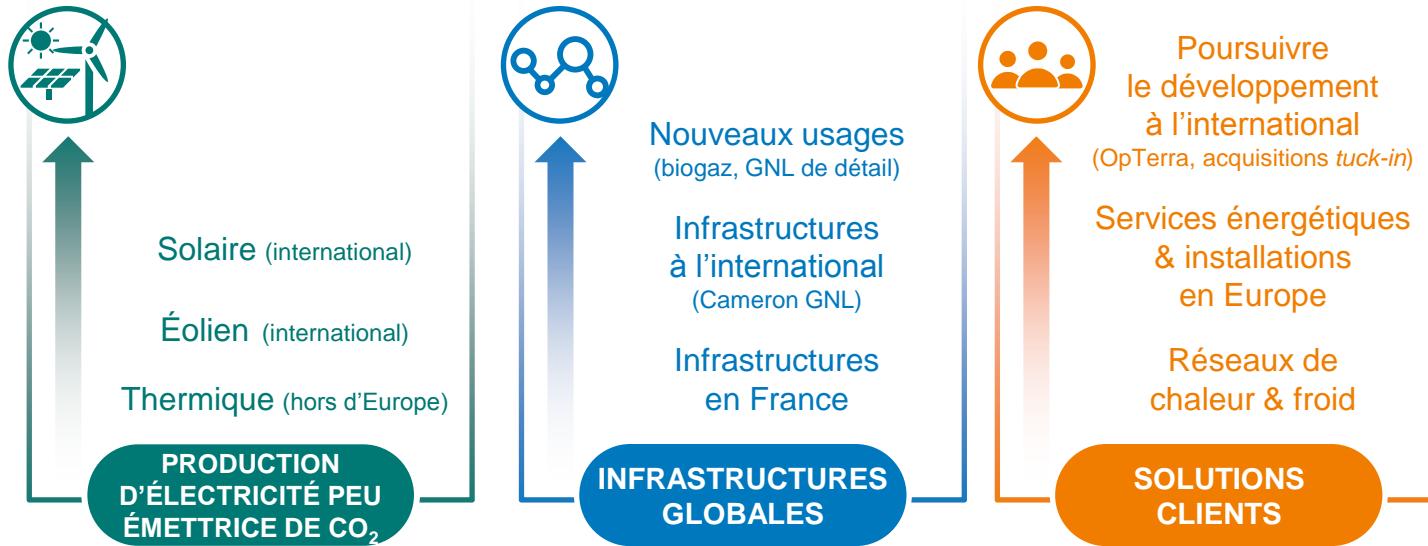
20% de réduction  
de la capacité installée  
en charbon du Groupe

(1) Et 2 actifs de transport de gaz  
(2) 0,35 installé, 0,65 en construction

# PROGRAMME D'INVESTISSEMENTS DE 22 Mds€ SUR 3 ANS

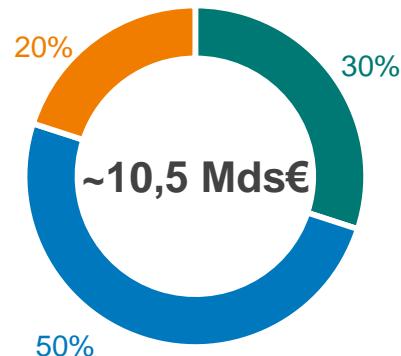
## dont 7 Mds€ D'INVESTISSEMENTS DE MAINTENANCE

CIBLÉ SUR LES  
POINTS FORTS  
& LES MÉTIERS  
DU FUTUR



### DÉVELOPPEMENTS EXISTANTS

INVESTISSEMENTS  
DE CROISSANCE



### NOUVELLES OPPORTUNITÉS À DÉVELOPPER



# AMÉLIORER LA PERFORMANCE À TOUS LES NIVEAUX DU GROUPE

## PLAN DE PERFORMANCE LEAN 2018

1 Md€ DE GAINS SUR LES OPEX EN 2018



- **~+ 50% comparé à *Perform 2015*** (base annuelle)
- Le Projet d'Entreprise permet une **revue complète de tous les process** du Groupe
- Cibler des **gains récurrents** sur les coûts opérationnels
  - Achats
  - Centres de services partagés
  - Optimiser les fonctions support
  - Efficacité opérationnelle

# PRÉPARER LE FUTUR

## 3 LIGNES DIRECTRICES

INVESTISSEMENTS  
DANS LES NOUVELLES  
TECHNOLOGIES

STRUCTURER  
UN ECOSYSTÈME  
FAVORABLE

PARTENARIATS  
GLOBAUX  
& TRANSVERSES

## 2 HORIZONS DE TEMPS

DÉPLOIEMENT  
D'INNOVATIONS ÉPROUVÉES  
3 À 5 ANS

Déploiement massif du solaire  
Production décentralisée B2C  
Rénovation énergétique des bâtiments  
Gestion de la demande d'énergie  
Mobilité verte

ANTICIPER LES  
TECHNOLOGIES DE RUPTURE  
> 5 ANS

Gaz vert à grande échelle  
Hydrogène  
Destruction du CO<sub>2</sub>  
Stockage d'énergie compétitif  
Autonomie énergétique locale

# LE DIGITAL COMME CATALYSEUR DE LA TRANSFORMATION

## PRÉPARER LE FUTUR

Nouveaux produits et services basés  
sur l'analyse de données  
Maisons intelligentes, villes de demain

## REDESSINER & SIMPLIFIER LE PORTEFEUILLE

Digitaliser l'expérience client  
Optimiser l'utilisation de l'énergie

## AMÉLIORER LA PERFORMANCE

Maintenance prévisionnelle  
Production & compteur intelligent  
Tableau de bord en temps réel  
Protection des revenus



Pour encourager la  
transformation culturelle

Une part essentielle  
de la technologie et de l'innovation

Pour attirer des nouveaux talents,  
nativs du numérique



AGILE  
ET CONNECTÉ



CENTRÉ SUR  
LA TECHNOLOGIE



ORIENTÉ VERS  
LES TALENTS

## ADAPTER LE GROUPE

# ADAPTER LE GROUPE POUR SAISIR DE NOUVELLES OPPORTUNITÉS

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## AGILE ET CONNECTÉ

- Besoin d'écoute des parties prenantes internes et externes : sensibilisation accrue aux opportunités et aux tendances
  - Vers un leadership décentralisé et partagé
  - Ancrage territorial
  - Capacité de réallocation rapide et dynamique des activités et des ressources
- 



## CENTRÉ SUR LA TECHNOLOGIE

- Façonner les tendances du marché de demain en précurseur
  - Valoriser les écosystèmes innovants et privilégier l'accès aux technologies
  - Des partenariats forts
- 



## ORIENTÉ VERS LES TALENTS

- Adapter le style de leadership
  - Attirer et développer les talents
  - Promouvoir l'employabilité et la mobilité
  - Développer la diversité
-

# UNE TRANSFORMATION EN PROFONDEUR CRÉATRICE DE VALEUR

## UN PLAN À 3 ANS (2016-2018) : 3 LEVIERS DE CRÉATION DE VALEUR

### REDESSINÉ & SIMPLIFIÉ

15 Mds€ de rotation de portefeuille

22 Mds€ d'investissements

### PLUS PERFORMANT

1 Md€ gains sur OPEX

### PLUS INNOVANT & DIGITAL

Dépenses  
de 1,5 Md€

Un profil de risque  
amélioré

Une rentabilité  
supérieure

Un potentiel de croissance  
accru

UNE STRUCTURE FINANCIÈRE  
RENFORCÉE

UNE VISIBILITÉ AMÉLIORÉE  
DES RÉSULTATS

# NOUVELLE POLITIQUE DE DIVIDENDE

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**2015 & 2016**

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1€ de dividende par action  
par an en numéraire

**2017 & 2018**

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0.70 € de dividende par action  
par an en numéraire

VISIBILITÉ OFFERTE VIA UNE NOUVELLE POLITIQUE DE DIVIDENDE PÉRENNE

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# POURSUITE DE LA CHUTE DES PRIX DES COMMODITÉS

## BRENT

En \$/bbl

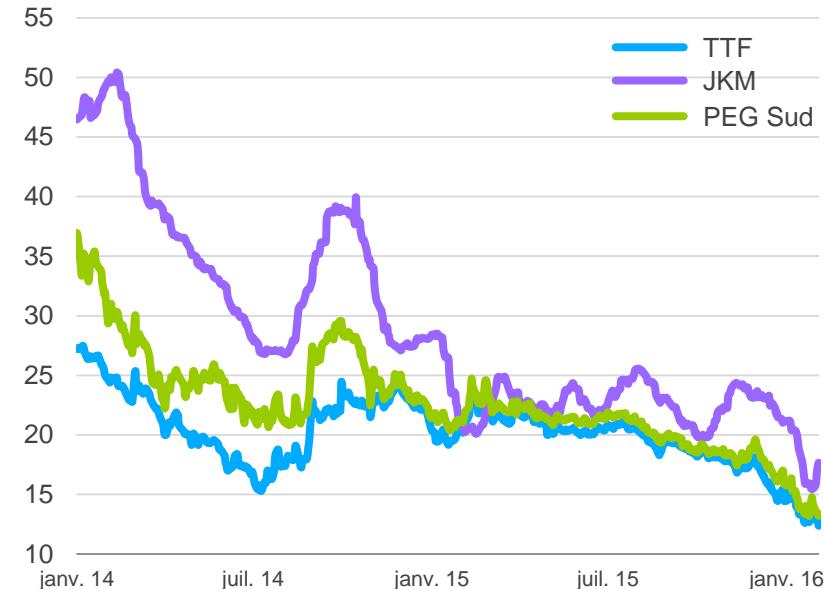
*Forward 2017*



## GAZ EUROPE / ASIE

En €/MWh

*Forward 1 mois*



# RÉSILIENCE DU RNRpg ET FORTE GÉNÉRATION DE CASH

En Mds€

	2014 <sup>(1)</sup>	2015
EBITDA	12,1	11,3
RÉSULTAT NET RÉCURRENT part du Groupe incluant la contribution nucléaire en Belgique	2,7	2,6
RÉSULTAT NET part du Groupe	2,4	- 4,6
CASH FLOW FROM OPERATIONS (CFFO)	7,9	9,8
DIVIDENDE	1€/action	1€/action
DETTE NETTE/ EBITDA	2,3 x	2,5 x

(1) Données 2014 pro forma IFRIC 21

# SUCCÈS OPÉRATIONNELS ET AMÉLIORATION DE LA VISIBILITÉ EN BELGIQUE ET AU BRÉSIL



## PRODUCTION D'ÉLECTRICITÉ PEU ÉMETTRICE DE CO<sub>2</sub>

- + 4 GW de nouvelles capacités  
~60% dans les renouvelables
- 21,5 GW de capacités installées renouvelables (objectif vs. 2009 atteint)
- Amélioration de la réglementation au Brésil
- Accord avec le gouvernement belge sur le nucléaire



## INFRASTRUCTURES GAZIÈRES

- Nouvelle réglementation pour GRDF offrant 4 ans de visibilité
- 1,4 Md€ d'investissements dans la Base d'Actifs Régulés (BAR) en France
- Développements dans les infrastructures à l'international : Mexique et États-Unis



## SOLUTIONS CLIENTS

- 7 acquisitions dans les services et OpTerra
- + 450 000 clients électricité en France
- 7 nouveaux investissements via ENGIE New Ventures

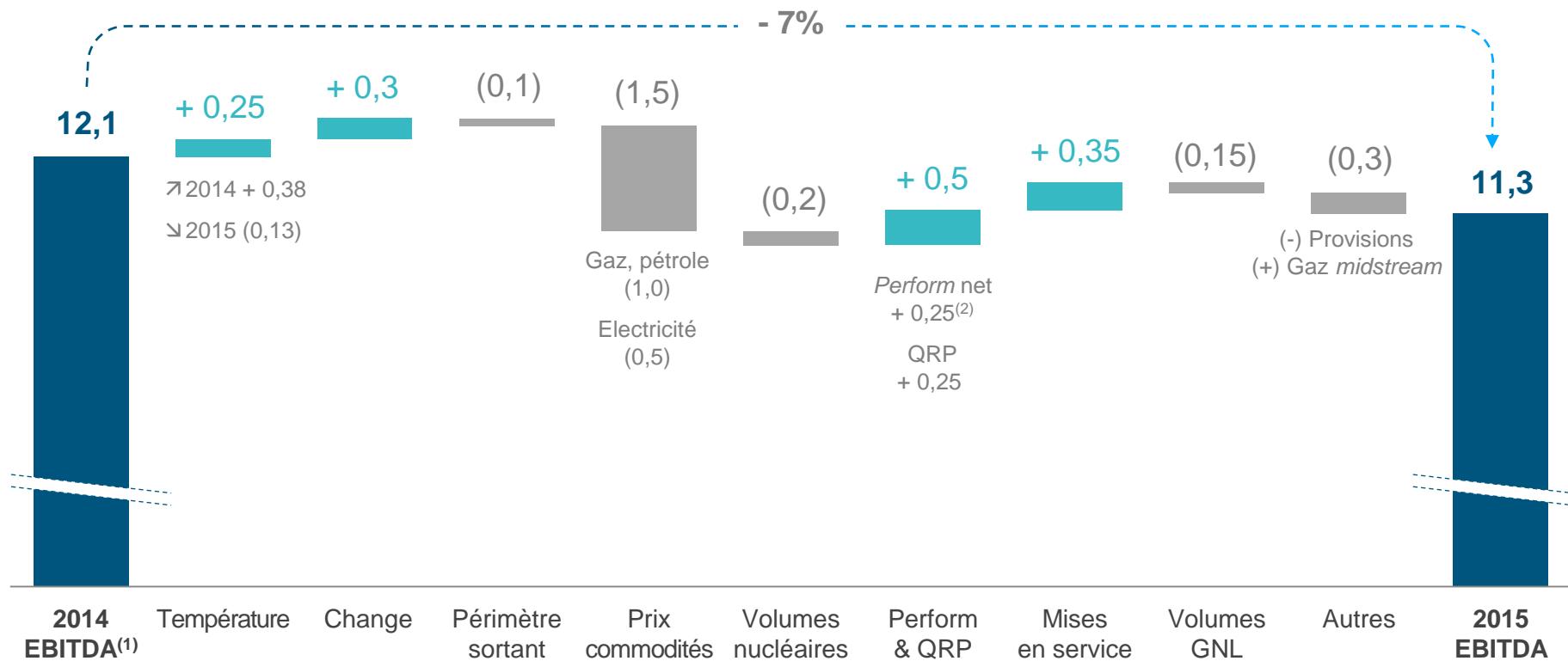
# UN ENVIRONNEMENT *MERCHANT* DIFFICILE ABOUTISSANT À DES DÉPRÉCIATIONS SIGNIFICATIVES

ACTIVITÉ	FAITS GÉNÉRATEURS	DÉCISIONS STRATÉGIQUES	
E&P	<ul style="list-style-type: none"> <li>– Poursuite de la chute des prix du gaz et pétrole</li> </ul>		
Production d'électricité <i>merchant</i>	<ul style="list-style-type: none"> <li>– Conditions de marché <i>merchant</i> difficiles</li> </ul>	<ul style="list-style-type: none"> <li>– Réduire l'exposition aux prix des commodities</li> <li>– Réduire l'empreinte carbone</li> <li>→ Actifs sous revue stratégique</li> </ul>	
GNL	<ul style="list-style-type: none"> <li>– Surcapacité à court terme</li> <li>– Écrasement des spreads géographiques</li> </ul>	<ul style="list-style-type: none"> <li>– Adapter le business GNL</li> <li>– Fondamentaux long terme attractifs</li> </ul>	
En Mds€	Goodwill	Autres actifs	Total
E&P & GNL	1,6	2,7	4,3
Production d'électricité <i>merchant</i>	1,0	2,2	3,2
Autres	-	1,2	1,2
<b>TOTAL avant impôts</b>	<b>2,6</b>	<b>6,1</b>	<b>8,7</b>
<b>TOTAL après impôts et intérêts minoritaires</b>	<b>2,6</b>	<b>4,2</b>	<b>6,8</b>

ACCÉLÉRATION DU TOURNANT STRATÉGIQUE

# DES RÉACTIONS FORTES FACE À LA CHUTE DES PRIX DES COMMODITÉS

Par principaux effets  
En Mds€



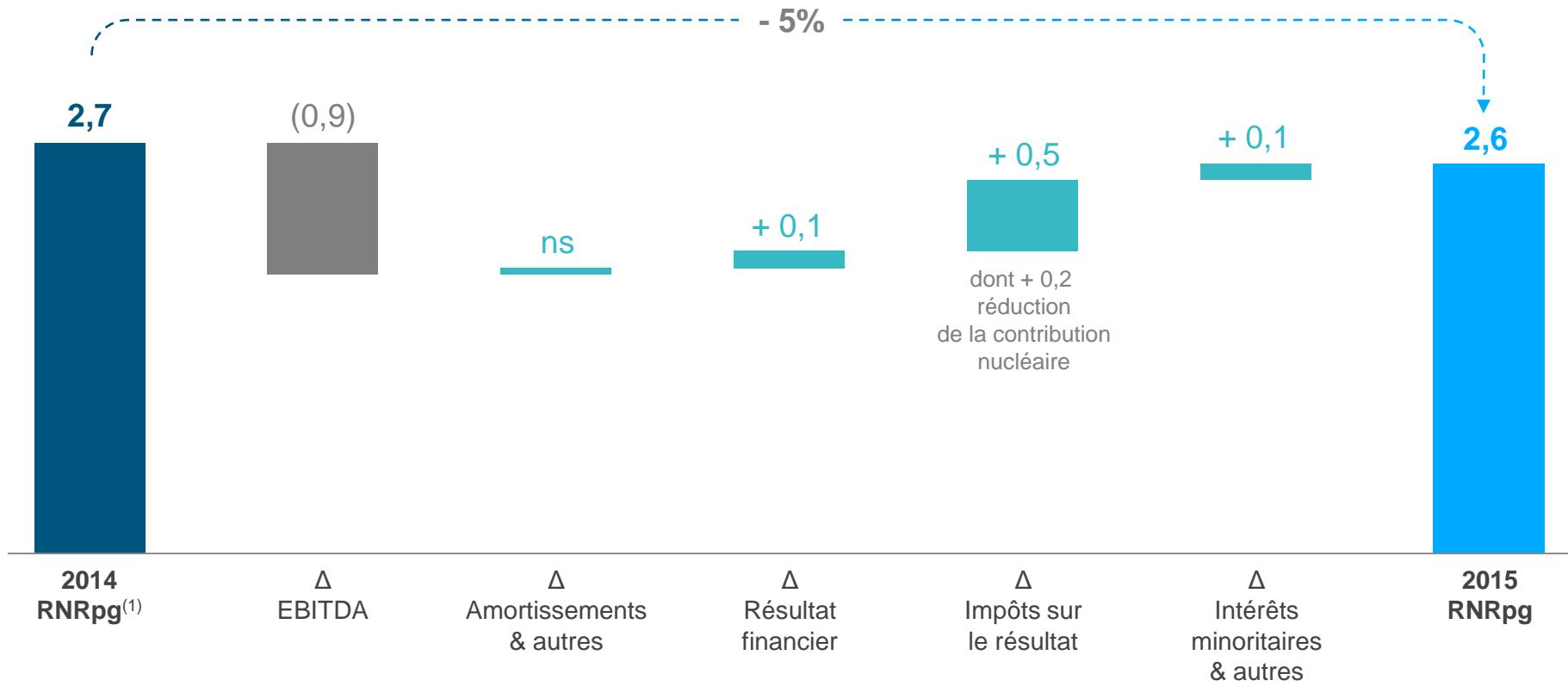
**CROISSANCE ORGANIQUE DANS LES MARCHÉS À FORTE CROISSANCE,  
LES INFRASTRUCTURES ET LES SERVICES**

(1) Chiffres 2014 ajustés

(2) Gains de performance sur Opex

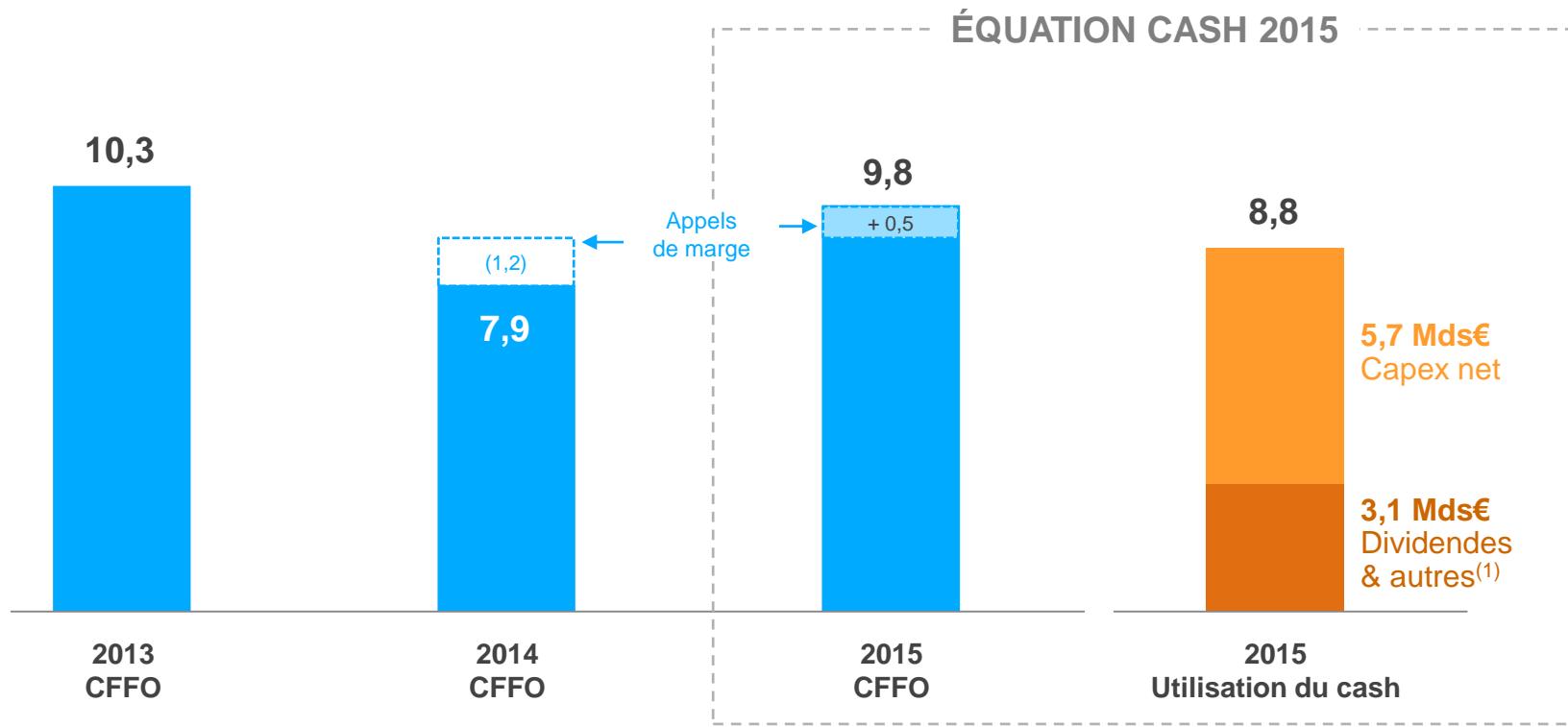
# RÉSILIENCE DU RÉSULTAT NET RÉCURRENT MALGRÉ LA BAISSE DE L'EBITDA

En Mds€



# FORTE GÉNÉRATION DE CASH ET ÉQUATION CASH ÉQUILIBRÉE

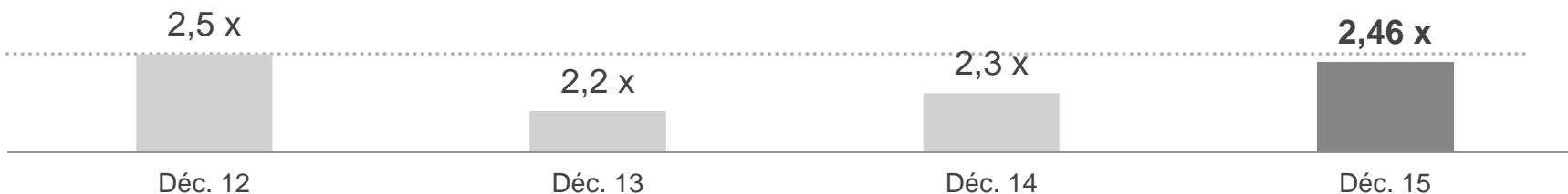
En Mds€



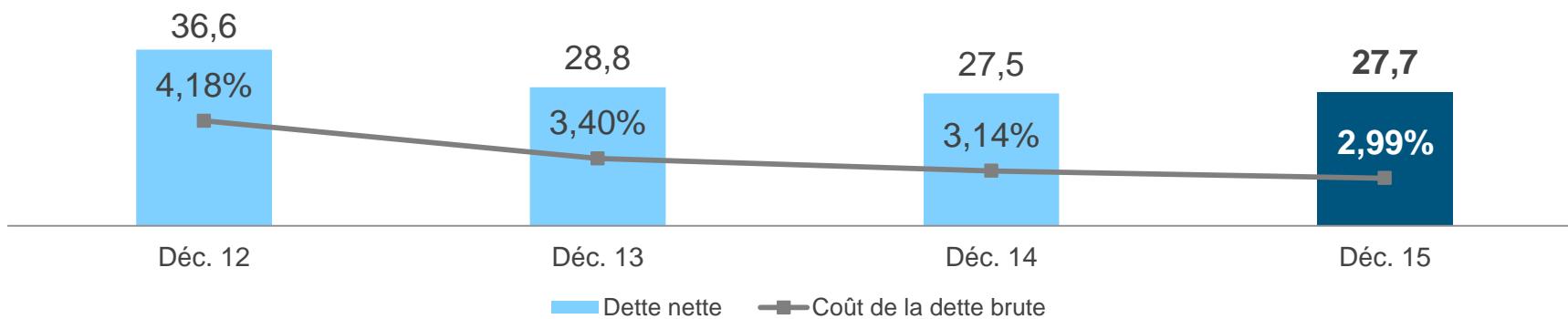
(1) 2,4 Mds€ de dividendes + 0,1 Md€ de taxes sur dividendes + 0,5 Md€ de dividendes aux minoritaires + 0,15 Md€ de coupons hybrides

# STRUCTURE FINANCIÈRE SOLIDE ET OPTIMISATION DU COÛT DE LA DETTE

Dette nette/EBITDA ≤ 2,5x



Dette nette et coût de la dette brute  
En Mds€



18 Mds€ DE LIQUIDITÉS À FIN 2015

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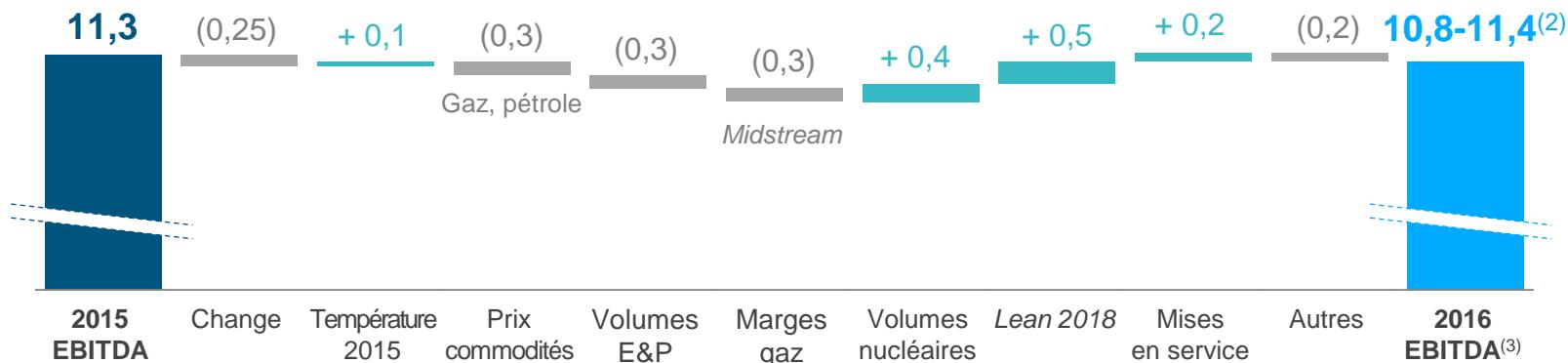
# GUIDANCE 2016 DÉMONTRANT DE LA RÉSILIENCE

## GUIDANCE<sup>(1)</sup>

- RNRpg 2,4-2,7 Mds€
- Dividende 1€/action en numéraire
- Notation de crédit de catégorie "A"
- Dette nette / EBITDA  $\leq$  2,5x

## INDICATION EBITDA<sup>(1)</sup>

Par principaux effets  
En Mds€



(1) Cet objectif repose sur des hypothèses de température moyenne en France, de répercussion complète des coûts d'approvisionnement sur les tarifs régulés du gaz en France, d'absence de changement substantiel de réglementation et de l'environnement macro-économique, d'hypothèses de prix des commodities basées sur les conditions de marché à fin décembre 2015 pour la partie non couverte de la production et de cours de change moyens suivants pour 2016 : €/\$ : 1,10, €/BRL : 4,59

(2) Hors impact significatif de cessions

(3) À compter du 1<sup>er</sup> janvier 2016, l'EBITDA n'intégrera plus la contribution non récurrente des entreprises mises en équivalence (- 12 millions d'euros en 2015)

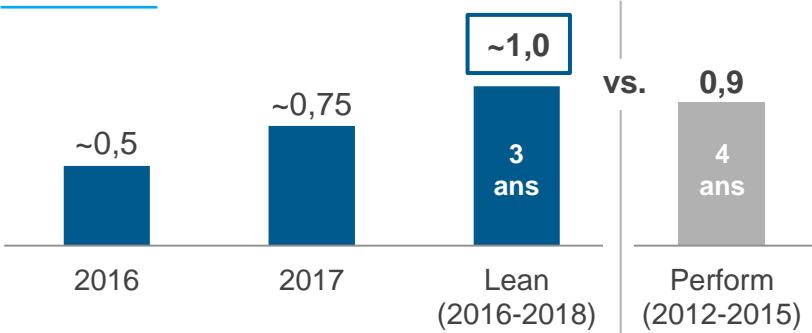
# LEAN 2018 : PLAN DE PERFORMANCE

## 1 Md€ DE GAINS SUR OPEX

### RAMP-UP

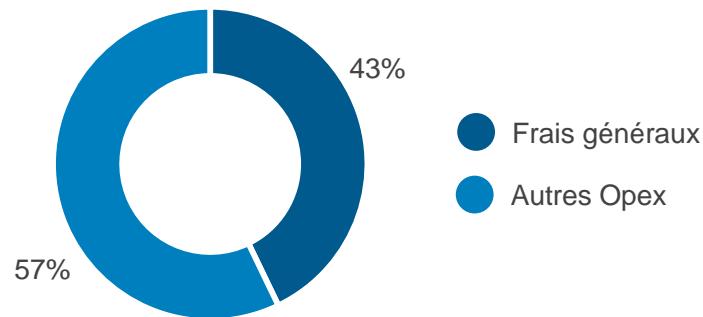
#### IMPACT NET EBITDA SUR OPEX

En Mds€



### PAR LEVIER

#### IMPACT EBITDA SUR OPEX



- Impact net EBITDA après inflation
- Réduction de la base de coûts contrôlables (métiers de l'énergie et corporate)
- Amélioration de la performance opérationnelle dans les activités à l'aval

- Dont achats ~45%

**~+ 50% COMPARÉ À PERFORM 2015 (base annuelle)**

# LA POLITIQUE DE COUVERTURE RETARDE APRÈS 2016

## L'IMPACT DE LA CHUTE DES PRIX DES COMMODITÉS

### PÉTROLE

Production E&P  
(2015)

~20 mbep

### GAZ

~60 TWh

### ÉLECTRICITÉ

Production nucléaire & hydro : ~60 TWh/an

Politique de couverture

1 an  
2 à 3 ans  
Pilotée au niveau RNRpg

2015 : prix moyen réalisé

49 \$/bep  
22,5 €/MWh

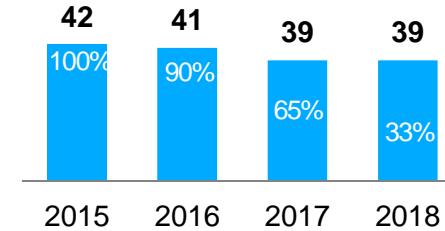
Impact RNRpg

Taux d'impôt de 55%  
30% d'intérêts minoritaires

Politique de couverture : 3 ans

**Couvertures : prix & volumes au 31/12/2015**

En €/MWh



# ADAPTER LE PROFIL DU GROUPE POUR COMPENSER LA CHUTE DES PRIX DES COMMODITÉS ET AMÉLIORER LA VISIBILITÉ DES RÉSULTATS

2016-2018		CRITÈRES STRATÉGIQUES	CRITÈRES FINANCIERS
<b>PROGRAMME DE ROTATION DE PORTEFEUILLE</b>	<b>15 Mds€</b> dette nette	➡ Exposition <i>merchant</i> ➡ Émissions de CO <sub>2</sub>	Multiples attractifs et dilution limitée du RNRpg
<b>INVESTISSEMENTS CIBLÉS</b>	<b>22 Mds€</b> Capex	↗ Activités peu émettrices de CO <sub>2</sub> ↗ Solutions clients ↗ Contracté / régulé	IRR > WACC +2% Acquisitions <i>tuck-in</i>
<b>PLAN DE PERFORMANCE</b>	<b>1 Md€</b> net EBITDA	↗ Simplification	Créer de la flexibilité pour les priorités d'investissement

# ÉQUATION CASH 2016-2018

CASH FLOW FROM  
OPERATIONS



- Dividendes
- Investissements industriels engagés maintenance et croissance

&

PROGRAMME  
DE ROTATION DE  
PORTEFEUILLE



- Investissements de croissance additionnels
- Réduction de la dette nette

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Tour T1 – Paris-La Défense, France



# CONCLUSION

## PLAN DE TRANSFORMATION SUR 2016-2018 CRÉATEUR DE VALEUR

### MIX D'ACTIVITÉS VISÉ

Peu émetteur de CO<sub>2</sub>

Solutions clients intégrées

Amélioration du profil  
de risque

Part de l'EBITDA  
dans les activités  
contractées/régulées  
 $> 85\%$  d'ici 2018

### PERSPECTIVES FINANCIÈRES

2016

RNRpg résilient  
2.4 - 2.7 Mds€

2016-2018

Notation de catégorie "A"  
Dette nette / EBITDA  $\leq 2,5x$

### DIVIDENDE

2015-2016

1€/action  
par an en numéraire

2017-2018

0,70€/action  
par an en numéraire



# APPENDICES 2015 RESULTS

February 25<sup>th</sup>, 2016

# APPENDICES - INDEX

## BUSINESS APPENDICES

Generation capacity & electricity output	PAGE 40
CO <sub>2</sub>	
Gas Balance	
Energy International	
Energy Europe	
Global Gas & LNG	
Infrastructures	
Energy Services	
Sustainability	

## FINANCIAL APPENDICES

41	Impact of weather in France	PAGE 109
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84	Credit	148
89		
95		
99		

A photograph of several wind turbines standing in a field of green grass under a bright blue sky with wispy white clouds. The turbines have white towers and blades with red and blue markings.

# BUSINESS APPENDICES 2015 RESULTS

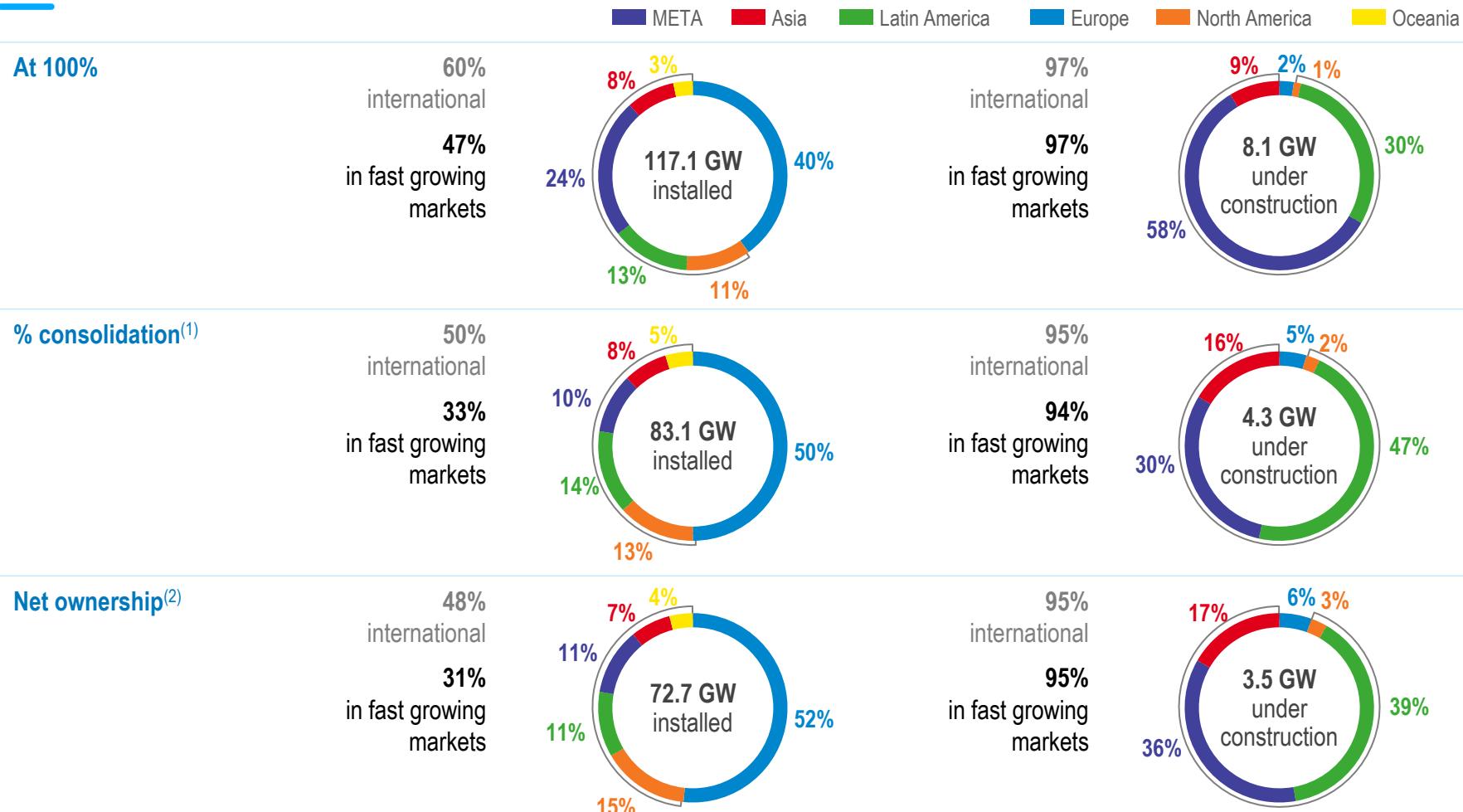


# GENERATION CAPACITY & ELECTRICITY OUTPUT



# BREAKDOWN OF GENERATION CAPACITY BY GEOGRAPHIC AREA

As of 12/31/2015



(1) % of consolidation for full consolidated and joint operations affiliates and % holding for equity consolidated companies

(2) ENGIE ownership

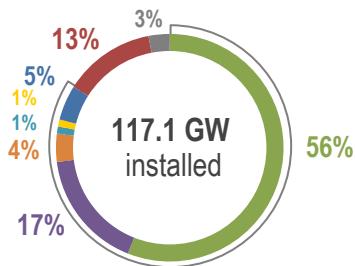
# BREAKDOWN OF GENERATION CAPACITY BY TECHNOLOGY

As of 12/31/2015

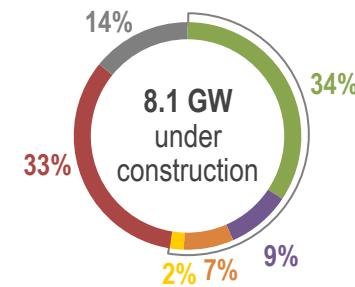
Natural gas    Hydro    Wind    Biomass & biogas    Solar  
 Nuclear    Coal    Other non-renewable

**At 100%**

84%  
low CO<sub>2</sub> emissions  
18%  
renewables<sup>(1)</sup>

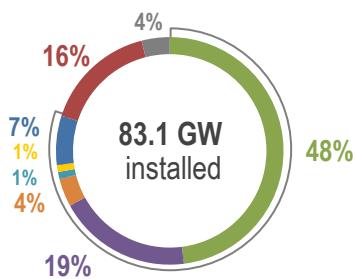


52%  
low CO<sub>2</sub> emissions  
18%  
renewables<sup>(1)</sup>

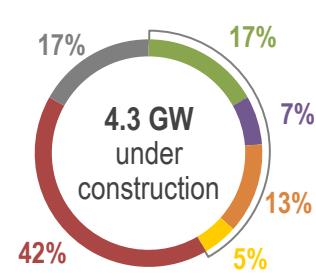


**% consolidation<sup>(2)</sup>**

80%  
low CO<sub>2</sub> emissions  
19%  
renewables<sup>(1)</sup>

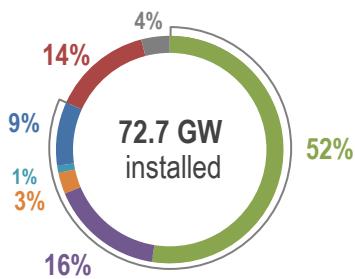


41%  
low CO<sub>2</sub> emissions  
24%  
renewables<sup>(1)</sup>

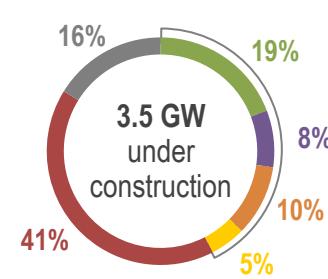


**Net ownership<sup>(3)</sup>**

82%  
low CO<sub>2</sub> emissions  
16%  
renewables<sup>(1)</sup>



43%  
low CO<sub>2</sub> emissions  
24%  
renewables<sup>(1)</sup>



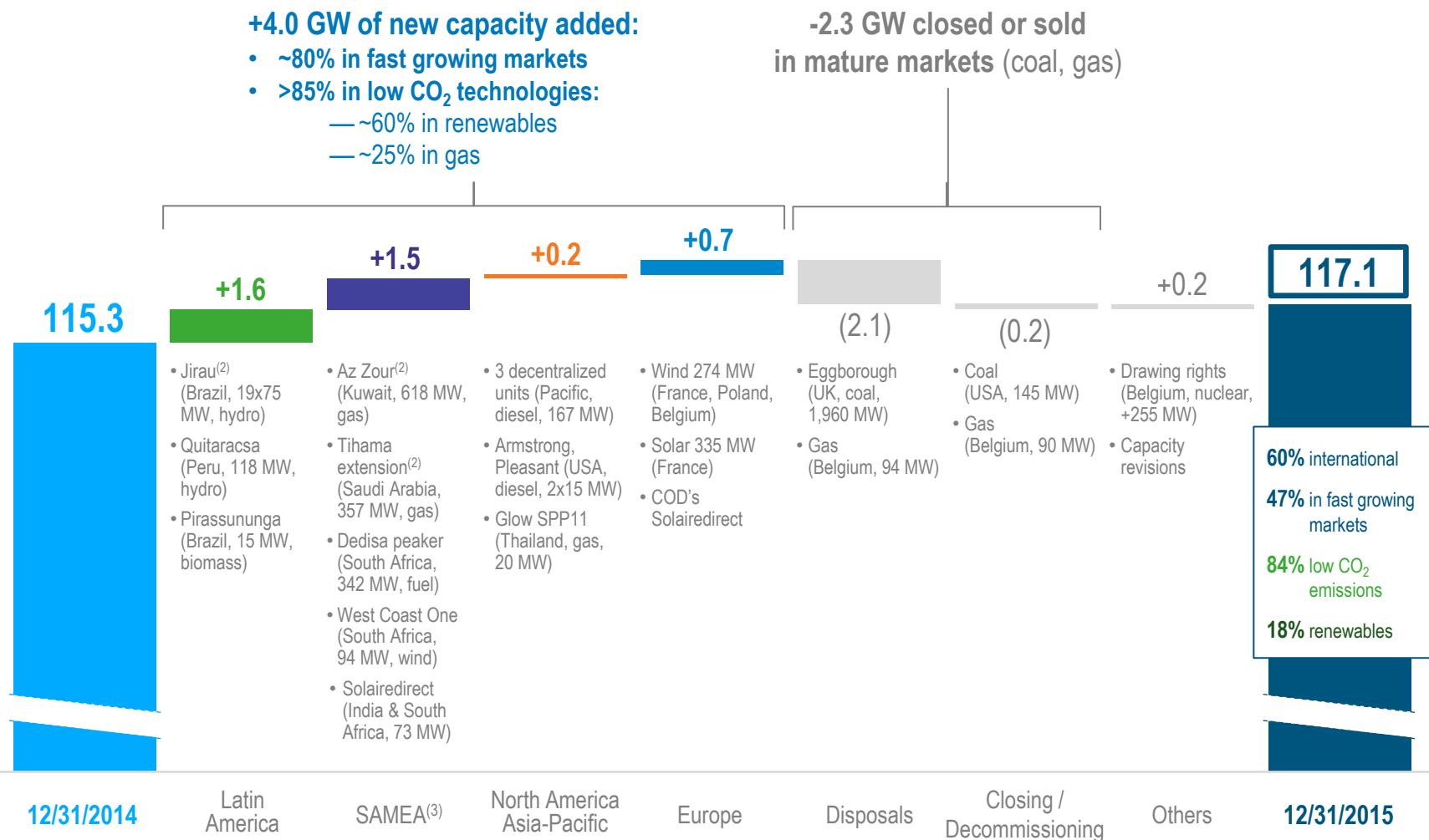
(1) Excluding pumped storage for hydro capacity

(2) % of consolidation for full consolidated and joint operations affiliates and % holding for equity consolidated companies

(3) ENGIE ownership

# INSTALLED CAPACITY EVOLUTION VS END 2014

As of 12/31/2015, in GW, at 100%



(1) 3.6 GW commissioned and 338 MW acquired (including 291 MW Solairedirect)

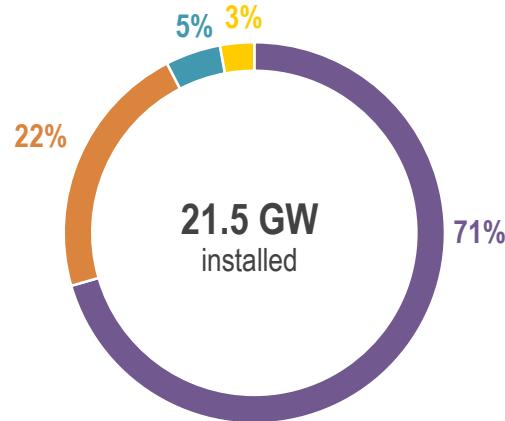
(2) Progressive commissioning

(3) South Asia, Middle East & Africa

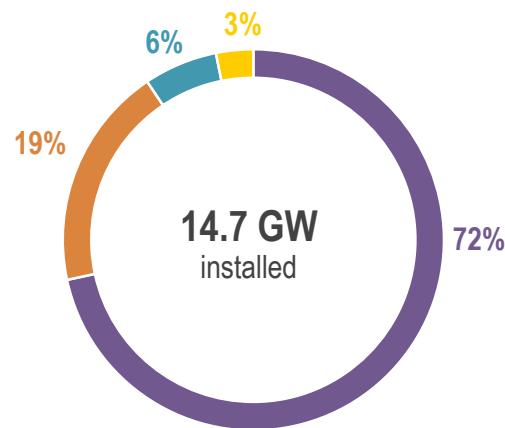
# RENEWABLE ENERGY: ~18% OF GROUP'S GENERATION CAPACITY

As of 12/31/2015

At 100%



% consolidation<sup>(2)</sup>



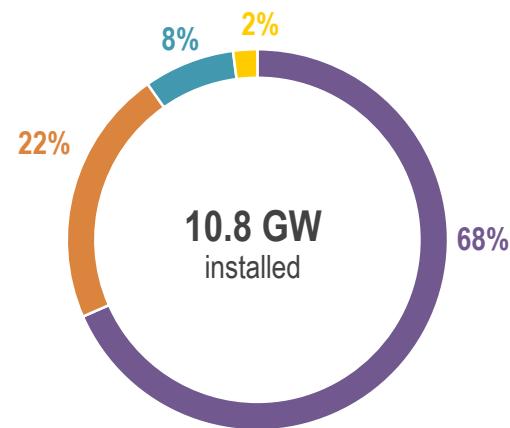
Hydro<sup>(1)</sup>

Wind

Biomass & biogas

Solar

Net ownership<sup>(3)</sup>



in MW	Hydro <sup>(1)</sup>	Wind	Biomass & biogas	Solar
EUROPE	4,062	3,379	750	507
NORTH AMERICA	166	659	130	22
LATIN AMERICA	10,715	209	96	6
MIDDLE EAST, TURKEY & AFRICA	-	395	-	21
ASIA	152	-	30	63
OCEANIA	48	63	-	1
<b>TOTAL</b>	<b>15,143</b>	<b>4,706</b>	<b>1,005</b>	<b>621</b>

in MW	Hydro <sup>(1)</sup>	Wind	Biomass & biogas	Solar
EUROPE	3,999	2,243	740	391
NORTH AMERICA	166	264	130	10
LATIN AMERICA	6,848	209	79	6
MIDDLE EAST, TURKEY & AFRICA	-	191	-	21
ASIA	152	-	30	63
OCEANIA	48	63	-	1
<b>TOTAL</b>	<b>11,213</b>	<b>2,969</b>	<b>979</b>	<b>493</b>

in MW	Hydro <sup>(1)</sup>	Wind	Biomass & biogas	Solar
EUROPE	2,457	1,832	684	143
NORTH AMERICA	166	264	123	10
LATIN AMERICA	5,082	159	55	4
MIDDLE EAST, TURKEY & AFRICA	-	191	-	16
ASIA	71	-	21	60
OCEANIA	48	50	-	1
<b>TOTAL</b>	<b>7,823</b>	<b>2,496</b>	<b>883</b>	<b>234</b>

(1) Excluding pumped storage

(2) % of consolidation for full and joint operations affiliates and % holding for equity consolidated companies

(3) ENGIE ownership

# TOTAL INSTALLED CAPACITY BY BUSINESS LINE

As of 12/31/2015

In MW	At 100%			% consolidation <sup>(1)</sup>			Net ownership <sup>(2)</sup>		
	In operation	Under construction	TOTAL	In operation	Under construction	TOTAL	In operation	Under construction	TOTAL
<b>ENERGY INTERNATIONAL</b>	<b>74,862</b>	<b>7,794</b>	<b>82,656</b>	<b>46,043</b>	<b>3,985</b>	<b>50,028</b>	<b>38,519</b>	<b>3,280</b>	<b>41,799</b>
Latin America	15,741	2,376	18,117	11,859	1,971	13,830	8,076	1,342	9,417
Asia-Pacific	11,975	-	11,975	8,524	-	8,524	6,278	-	6,278
North America	12,971	54	13,025	11,034	54	11,088	10,945	54	10,999
UK-Turkey	6,268	10	6,278	5,913	5	5,918	4,636	5	4,641
South Asia, Middle East & Africa	27,907	5,354	33,261	8,713	1,955	10,668	8,584	1,880	10,464
<b>ENERGY EUROPE</b>	<b>40,182</b>	<b>156</b>	<b>40,339</b>	<b>35,017</b>	<b>141</b>	<b>35,158</b>	<b>32,356</b>	<b>93</b>	<b>32,449</b>
Central Western Europe	26,140	139	26,279	25,190	124	25,314	22,675	76	22,751
France	8,950	129	9,079	8,471	118	5,590	6,579	70	6,649
Benelux & Germany	17,190	11	17,200	16,718	5	16,724	16,096	5	16,101
Southern & Eastern Europe	14,042	17	14,059	9,827	17	9,844	9,681	17	9,698
<b>ENERGY SERVICES</b>	<b>1,750</b>	<b>-</b>	<b>1,750</b>	<b>1,750</b>	<b>-</b>	<b>1,750</b>	<b>1,750</b>	<b>-</b>	<b>1,750</b>
<b>SOLAIREDIRECT</b>	<b>337</b>	<b>179</b>	<b>516</b>	<b>337</b>	<b>179</b>	<b>516</b>	<b>107</b>	<b>170</b>	<b>277</b>
<b>TOTAL</b>	<b>117,131</b>	<b>8,129</b>	<b>125,261</b>	<b>83,148</b>	<b>4,304</b>	<b>87,452</b>	<b>72,733</b>	<b>3,543</b>	<b>76,276</b>

(1) % of consolidation for full and joint operations affiliates and % holding for equity consolidated companies

(2) ENGIE ownership



# EXPECTED COMMISSIONING OF CAPACITY UNDER CONSTRUCTION

As of 12/31/2015, at 100%

	Under construction			
In MW	2016	2017	≥2018	TOTAL
<b>ENERGY INTERNATIONAL</b>	<b>4,303</b>	<b>799</b>	<b>2,693</b>	<b>7,794</b>
Latin America	1,278	110	988	2,376
Asia-Pacific	-	-	-	-
North America	54	-	-	54
UK-Turkey	-	10	-	10
South Asia, Middle East & Africa	2,970	679	1,705	5,354
<b>ENERGY EUROPE</b>	<b>139</b>	-	<b>17</b>	<b>156</b>
<i>Central Western Europe</i>	<b>139</b>	-	-	<b>139</b>
France	129	-	-	129
Benelux & Germany	11	-	-	11
<i>Southern &amp; Eastern Europe</i>	-	-	<b>17</b>	<b>17</b>
<b>ENERGY SERVICES</b>	-	-	-	-
<b>SOLAIREDIRECT</b>	<b>179</b>	-	-	<b>179</b>
<b>TOTAL</b>	<b>4,621</b>	<b>799</b>	<b>2,710</b>	<b>8,129</b>

# EXPECTED COMMISSIONING OF CAPACITY UNDER CONSTRUCTION

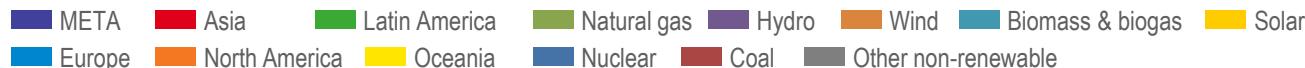
As of 12/31/2015, in net ownership<sup>(1)</sup>

In MW	Under construction			<b>TOTAL</b>
	2016	2017	≥2018	
<b>ENERGY INTERNATIONAL</b>	<b>1,463</b>	<b>426</b>	<b>1,391</b>	<b>3,280</b>
Latin America	649	68	625	1,342
Asia-Pacific	-	-	-	-
North America	54	-	-	54
UK-Turkey	-	5	-	5
South Asia, Middle East & Africa	760	353	767	1,880
<b>ENERGY EUROPE</b>	<b>76</b>	-	<b>17</b>	<b>93</b>
<i>Central Western Europe</i>	<i>76</i>	-	-	<i>76</i>
France	70	-	-	70
Benelux & Germany	5	-	-	5
<i>Southern &amp; Eastern Europe</i>	-	-	<i>17</i>	<i>17</i>
<b>ENERGY SERVICES</b>	-	-	-	-
<b>SOLAIREDIRECT</b>	<b>170</b>	-	-	<b>170</b>
<b>TOTAL</b>	<b>1,708</b>	<b>426</b>	<b>1,408</b>	<b>3,543</b>

(1) ENGIE ownership

# TOTAL GENERATION OUTPUT BREAKDOWN BY GEOGRAPHIC AREA AND TECHNOLOGY

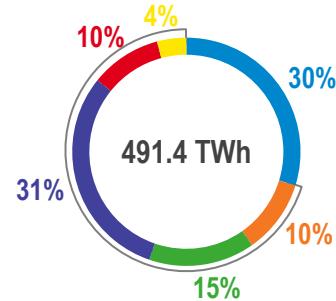
As of 12/31/2015



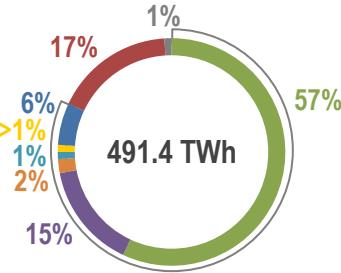
At 100%

70%  
international

57%  
in fast growing  
markets



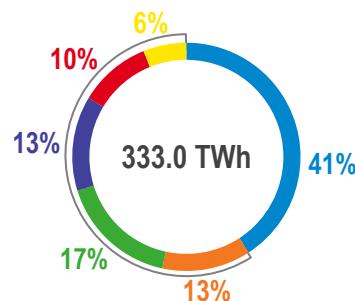
82%  
low CO<sub>2</sub> emissions  
18%  
renewables<sup>(1)</sup>



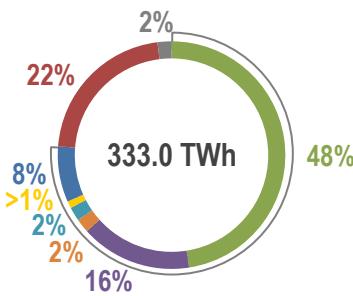
% consolidation<sup>(2)</sup>

59%  
international

42%  
in fast growing  
markets



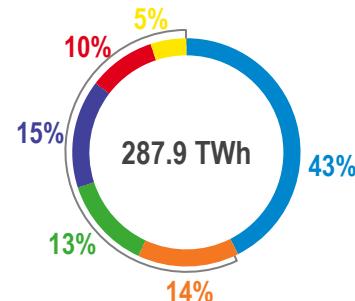
76%  
low CO<sub>2</sub> emissions  
19%  
renewables<sup>(1)</sup>



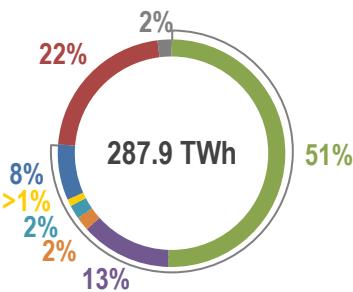
Net ownership<sup>(3)</sup>

57%  
international

39%  
in fast growing  
markets



78%  
low CO<sub>2</sub> emissions  
16%  
renewables<sup>(1)</sup>



(1) Excluding pumped storage for hydro output

(2) % of consolidation for full consolidated and joint operations affiliates and % holding for equity consolidated companies

(3) ENGIE ownership



FY 2015 RESULTS

# TOTAL ELECTRICITY OUTPUT BY BUSINESS LINE

As of 12/31/2015

In TWh	At 100%	% Consolidation <sup>(1)</sup>	Net ownership <sup>(2)</sup>
<b>ENERGY INTERNATIONAL</b>	<b>356.5</b>	<b>208.5</b>	<b>173.7</b>
Latin America	73.8	56.0	37.7
Asia-Pacific	60.8	45.5	33.2
North America	51.4	41.9	41.4
UK-Turkey	20.9	18.5	15.2
South Asia, Middle East & Africa	149.6	46.6	46.2
<b>ENERGY EUROPE</b>	<b>130.1</b>	<b>119.8</b>	<b>109.5</b>
<i>Central Western Europe</i>	<b>92.1</b>	<b>89.5</b>	<b>79.8</b>
France	32.0	31.2	23.7
Benelux & Germany	60.1	58.3	56.1
<i>Southern &amp; Eastern Europe</i>	<b>38.0</b>	<b>30.3</b>	<b>29.7</b>
<b>ENERGY SERVICES</b>	<b>4.6</b>	<b>4.6</b>	<b>4.6</b>
<b>SOLAIREDIRECT</b>	<b>0.1</b>	<b>0.1</b>	-
<b>TOTAL</b>	<b>491.4</b>	<b>333.0</b>	<b>287.9</b>

(1) % of consolidation for full consolidated and joint operations affiliates and % holding for equity consolidated companies

(2) ENGIE ownership



# ELECTRICITY OUTPUT BY BUSINESS LINE AND FUEL

As of 12/31/2015, in % consolidation

In TWh	Natural gas	Hydro	Wind	Biomass and biogas	Solar	Nuclear	Coal	Other non renewable	TOTAL
<b>ENERGY INTERNATIONAL</b>	<b>115.0</b>	<b>38.2</b>	<b>2.3</b>	<b>1.2</b>	-	-	<b>50.7</b>	<b>1.0</b>	<b>208.5</b>
Latin America	9.0	34.0	0.7	0.4	-	-	11.7	0.2	56.0
Asia-Pacific	14.8	0.4	0.1	-	-	-	29.8	0.3	45.5
North America	35.0	1.6	0.8	0.8	-	-	3.5	0.4	41.9
UK-Turkey	11.8	2.2	0.1	-	-	-	4.2	0.1	18.5
South Asia, Middle East & Africa	44.4	-	0.6	-	-	-	1.6	0.1	46.6
<b>ENERGY EUROPE</b>	<b>40.6</b>	<b>16.5</b>	<b>4.4</b>	<b>4.3</b>	<b>0.1</b>	<b>28.0</b>	<b>21.3</b>	<b>4.5</b>	<b>119.8</b>
Central Western Europe	22.1	16.2	3.0	1.9	0.1	28.0	13.8	4.4	89.5
France	3.6	15.0	2.2	-	0.1	8.4	-	1.8	31.2
Benelux & Germany	18.5	1.1	0.8	1.9	-	19.6	13.8	2.6	58.3
<b>Southern &amp; Eastern Europe</b>	<b>18.6</b>	<b>0.3</b>	<b>1.4</b>	<b>2.4</b>	-	-	<b>7.5</b>	-	<b>30.3</b>
<b>ENERGY SERVICES</b>	<b>2.9</b>	<b>0.2</b>	-	<b>0.8</b>	-	-	-	<b>0.8</b>	<b>4.6</b>
<b>SOLAIREDIRECT</b>	-	-	-	-	0.1	-	-	-	<b>0.1</b>
<b>TOTAL</b>	<b>158.5</b>	<b>54.8</b>	<b>6.8</b>	<b>6.3</b>	<b>0.3</b>	<b>28.0</b>	<b>72.1</b>	<b>6.3</b>	<b>333.0</b>

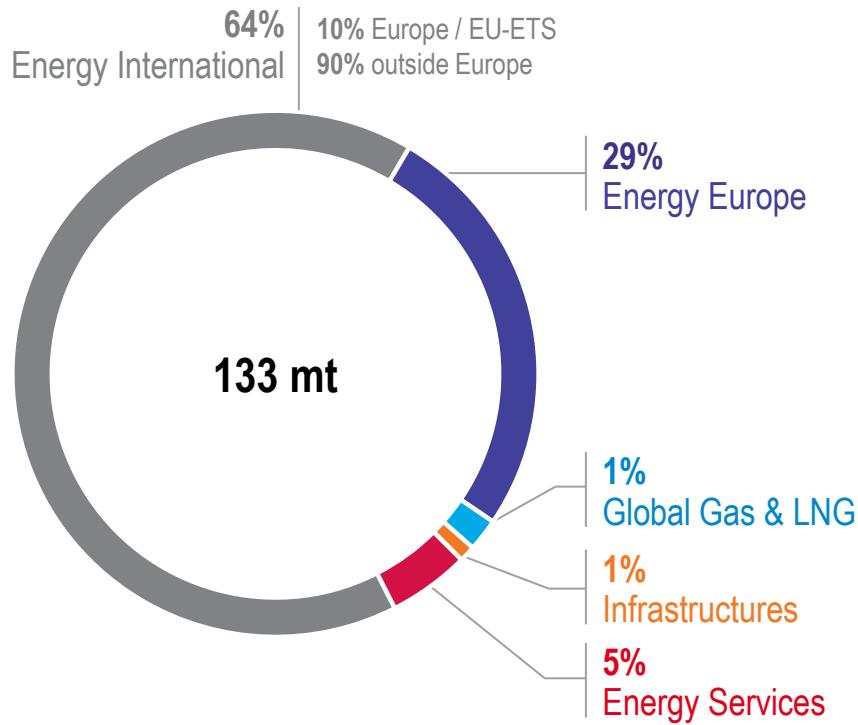


CO<sub>2</sub>



# CO<sub>2</sub> EMISSIONS IN 2015

## 2015 - UNAUDITED FIGURES



Coverage of CO<sub>2</sub> emissions under EU-ETS in 2015

in mt

Direct emissions (scope 1) of greenhouse gases

133

Direct emissions (scope 1) of greenhouse gases under the EU-ETS system

49

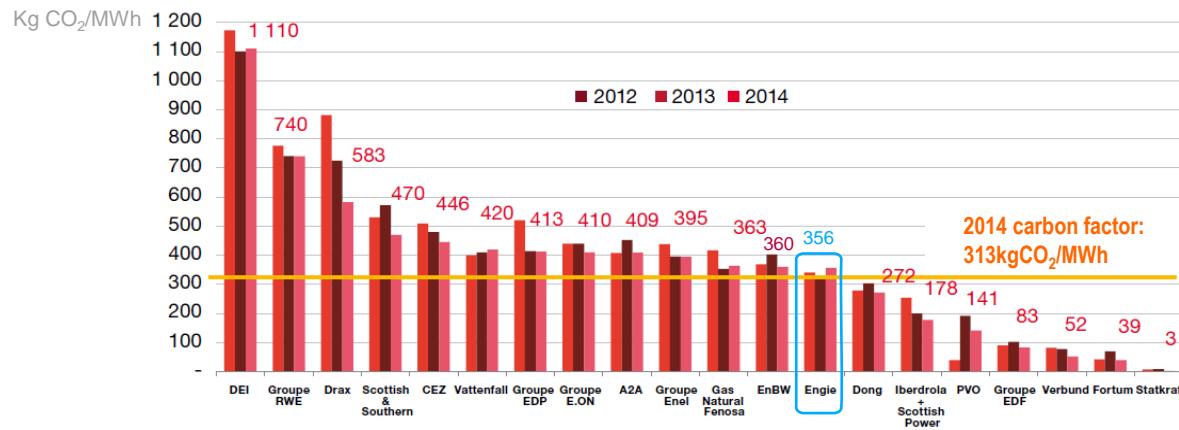
Allocation of bonus quotas

4.7

# CO<sub>2</sub> EMISSIONS: AMONG THE LOW-EMISSION PRODUCERS

## Europe

Specific emissions linked to electricity production in Europe  
ENGIE close to European average



## World

Group's emission ratio 20% below world average ratio<sup>(1)</sup>

**2020 target:** To reduce the CO<sub>2</sub> specific emission ratio of power and associated heat generation fleet throughout the world by 10% between 2012 and 2020

**2015 situation: Stable vs. 2012<sup>(2)</sup>**

### Actions

- **No new coal generation project**
- **Replacing high emitting plants** by top performing units
- **Selective development in renewables**
  - Increasing the renewable worldwide installed capacity by 50% by 2015<sup>(3)</sup>: target achieved with 60% end 2015

(1) Source: AIE 2014

(2) 445kgCO<sub>2</sub>eq/MWh in 2015 vs 443 kgCO<sub>2</sub>eq/MWh in 2012 excluding SUEZ Environnement

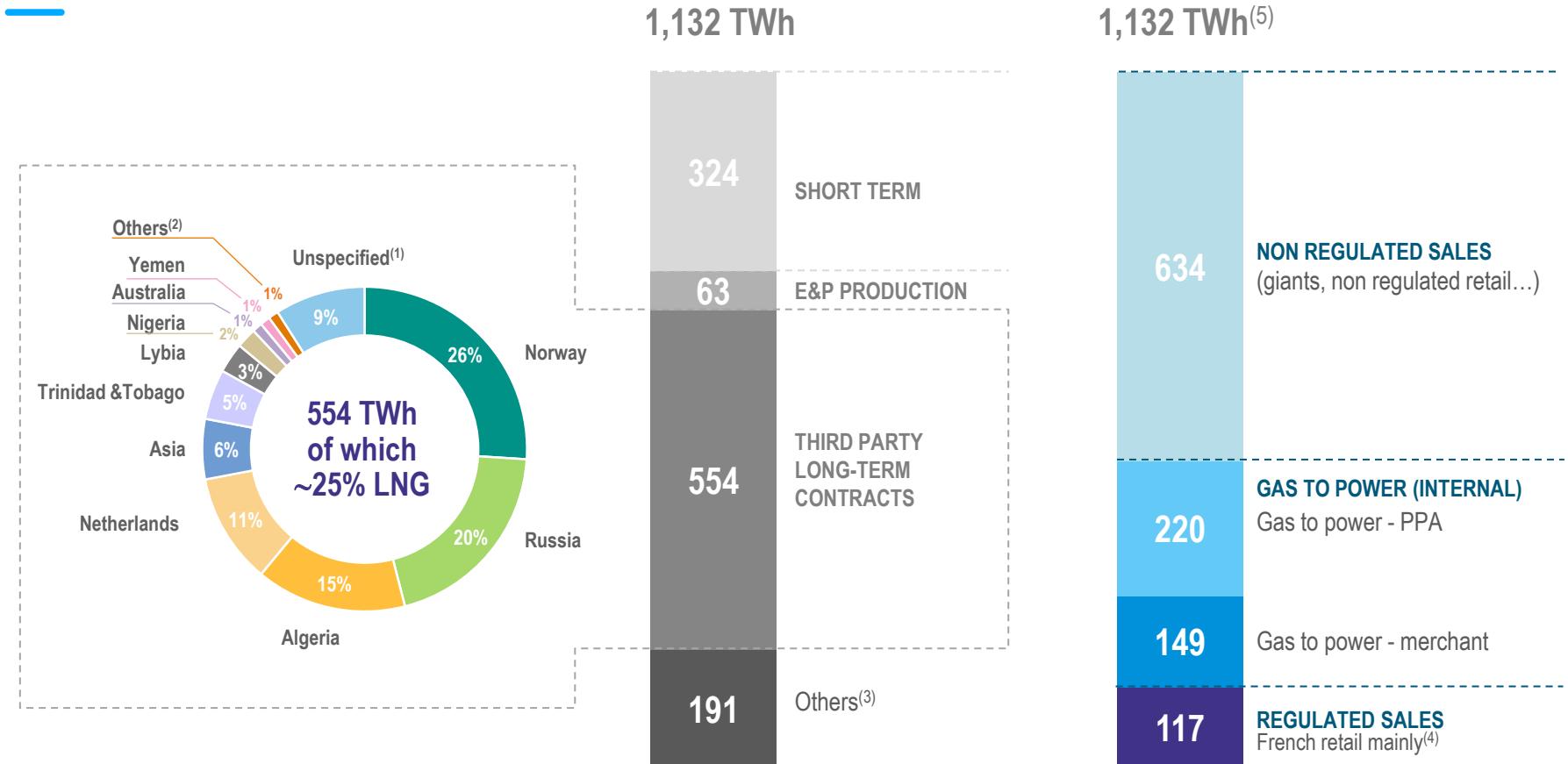
(3) Vs 2009

# GAS BALANCE



# 2015 GAS BALANCE: DIVERSIFIED PORTFOLIO

In % consolidation



(1) Purchases from gas suppliers ; origin unspecified

(2) Of which Germany and UK <1% each

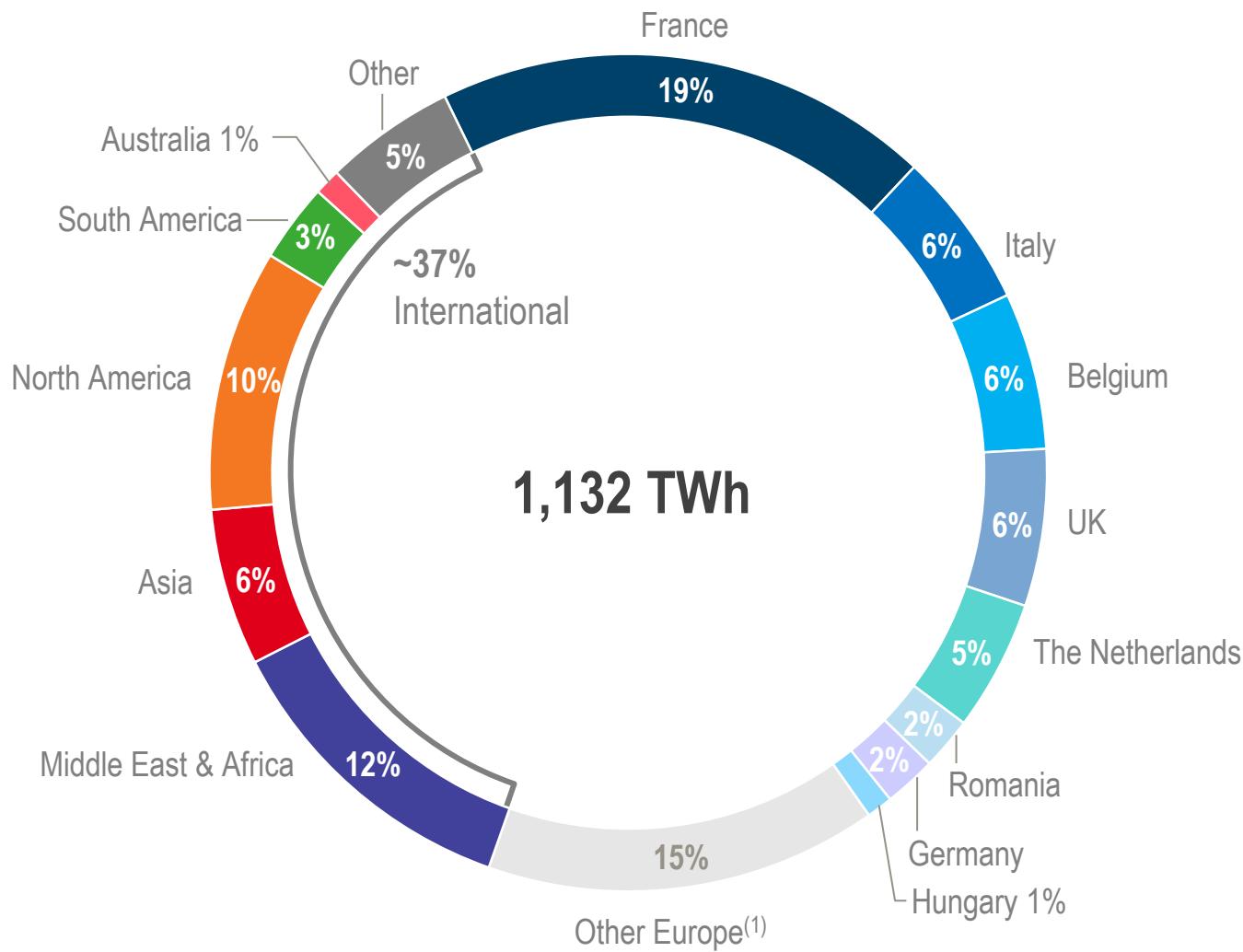
(3) Notably tolling (127 TWh) and dedicated contracts for gas to power

(4) France: 73 TWh, Mexico, Argentina, Romania, Italy, Hungary, Turkey

(5) Of which others: 12 TWh

# GEOGRAPHIC SPLIT OF GAS USAGE

In % consolidation



(1) Other European countries, Turkey and market hubs

# ENERGY INTERNATIONAL

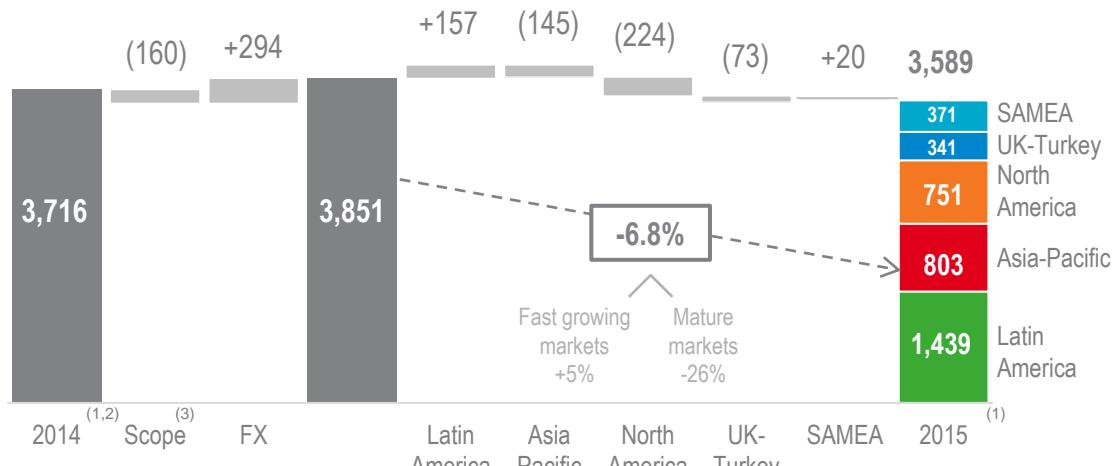


# ENERGY INTERNATIONAL

Pressure on margins in mature markets partially offset by good performance in fast growing markets

## EBITDA 2015 vs 2014

In €m



- Performance in Brazil benefitted from inflation indexation, lower PLD prices, and progressive commissioning at Jirau
- Asia-Pacific performance impacted by repeal of the carbon regime in Australia in 2014 and outages at Hazelwood and Gheco 1
- In North America generation performance was lower, with peak spark spreads weaker and non-repeat of 2014 favourable one-off benefits. Gas performance impacted by fewer LNG diversions with lower margins and lower margins at Everett and Eco Electrica
- In the UK, outages at First Hydro and Rugeley, higher gas costs at Saltend, pressure on retail margins
- Strong performance by SAMEA with new capacity at Uch II, Tarfaya, Az Zour North, Tihama and South African projects and good operational performance at existing plant

Perform 2015 & Quick Reaction Plan net Opex: €11m

	2014 <sup>(2)</sup>	2015	Δ 15/14	Δ org
Revenues	13,977	14,534	+4.0%	-3.8%
COI including share in Net Income of associates <sup>(2)</sup>	2,745	2,596	-5.4%	-7.9%
Total Capex	1,718	1,693		
Electricity sales <sup>(4)</sup> (TWh)	202.7	204.0	+1%	
Gas sales <sup>(4)</sup> (TWh)	80.0	95.9	+20%	
Installed capacity <sup>(5)</sup> (GW)	73.9	74.9	+1%	
Electricity production <sup>(5)</sup> (TWh)	341.4	356.5	+4%	

## EBITDA 2016 Outlook

- In Brazil:
    - average 2016 GSF forecast at 92%
    - incremental price increase in bilateral sales due to inflation
    - adherence to GSF protection mechanism
  - Pressure on prices in Australia
  - In the UK pressure on margins
  - In SAMEA positive impact of new capacities
- Lean 2018 program

(1) Total includes Other: €(117)m in 2014 and €(116)m in 2015

(2) 2014 was restated post IFRIC 21

(3) Of which intra-Group scope effect with Global Gas & LNG of €(87)m

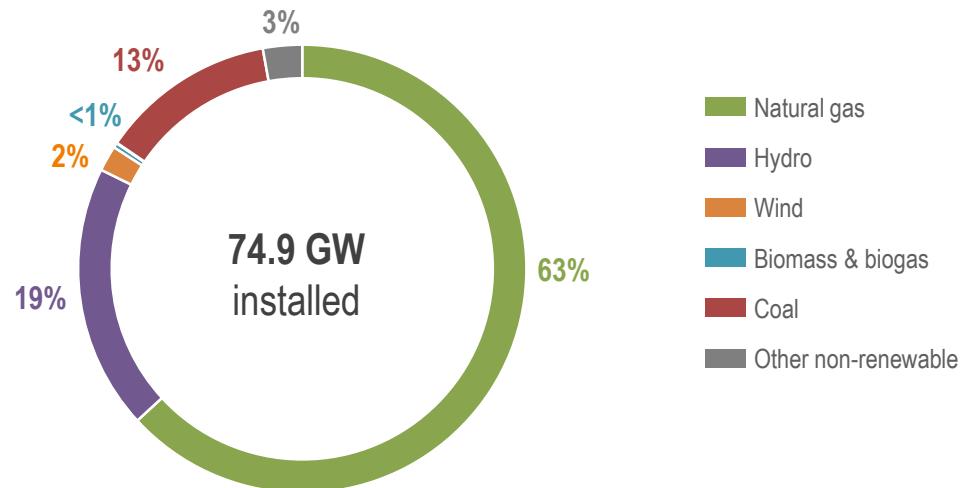
(4) Sales figures are consolidated according to accounting standards

(5) At 100%

# ENERGY INTERNATIONAL

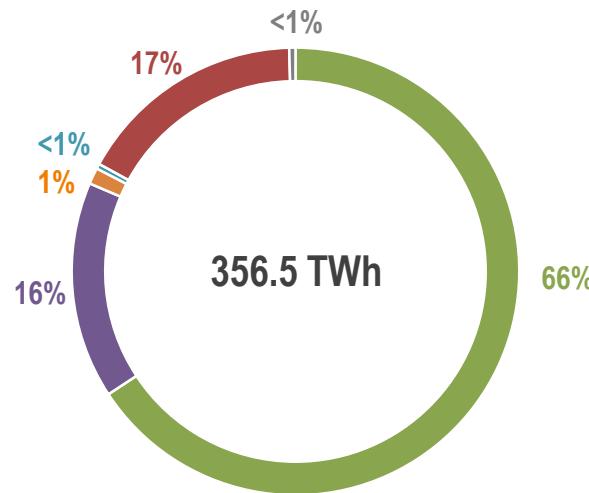
Generation capacity and production as of 12/31/2015, at 100%

## BREAKDOWN OF GENERATION CAPACITY



In MW	In operation	Under construction	Total
LATIN AMERICA	15,741	2,376	18,117
ASIA-PACIFIC	11,975	-	11,975
NORTH AMERICA	12,971	54	13,025
UK-TURKEY	6,268	10	6,278
SAMEA	27,907	5,354	33,261
<b>TOTAL</b>	<b>74,862</b>	<b>7,794</b>	<b>82,656</b>

## BREAKDOWN OF ELECTRICITY OUTPUT

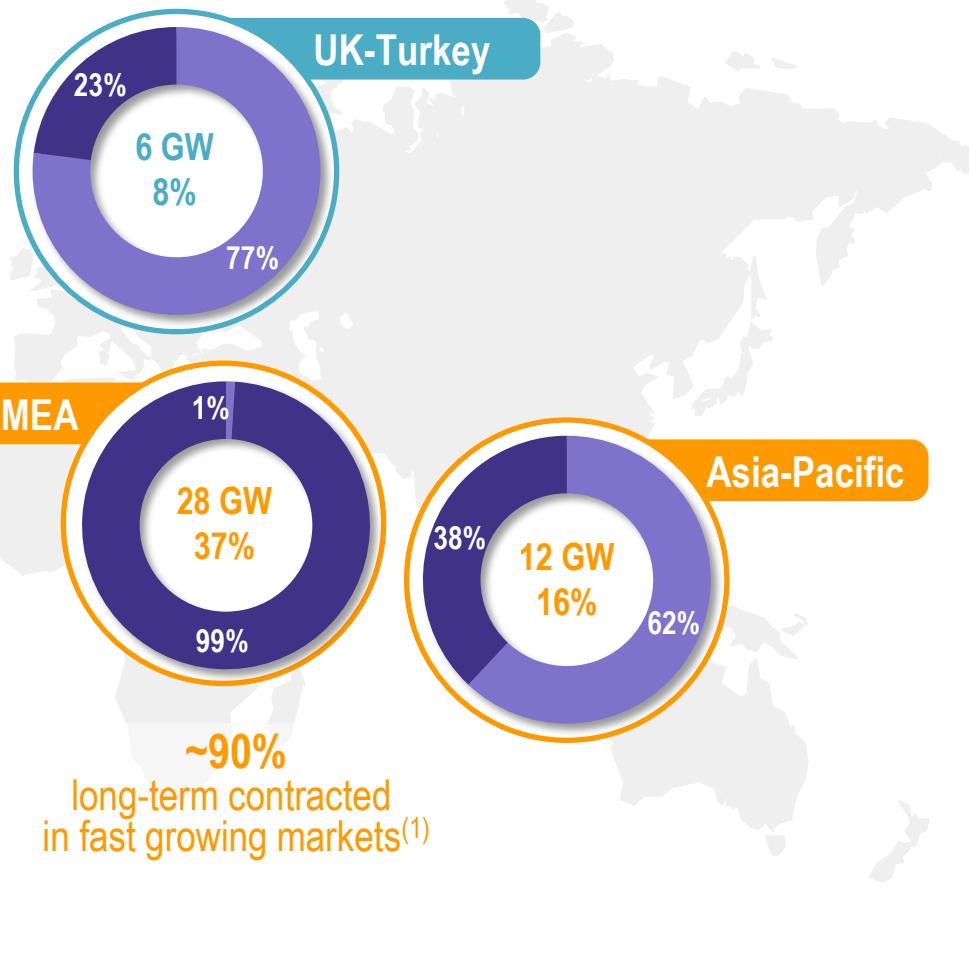
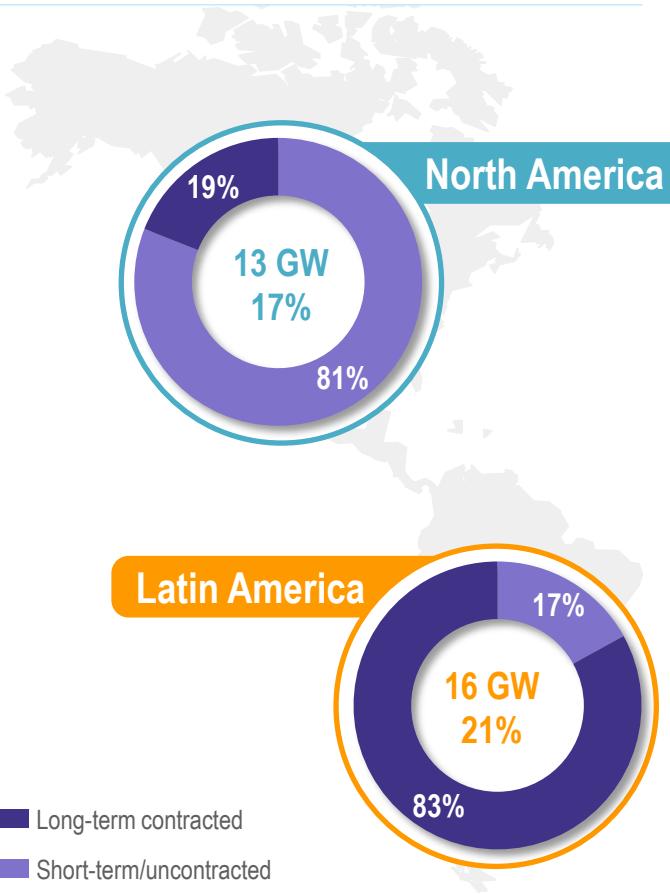


In TWh	Total
LATIN AMERICA	73.8
ASIA-PACIFIC	60.8
NORTH AMERICA	51.4
UK-TURKEY	20.9
SAMEA	149.6
<b>TOTAL</b>	<b>356.5</b>

# ENERGY INTERNATIONAL

Security of long-term contracts in fast growing markets

POWER GENERATION 75 GW INSTALLED,  
~70% IN FAST GROWING MARKETS



■ Long-term contracted

■ Short-term/uncontracted

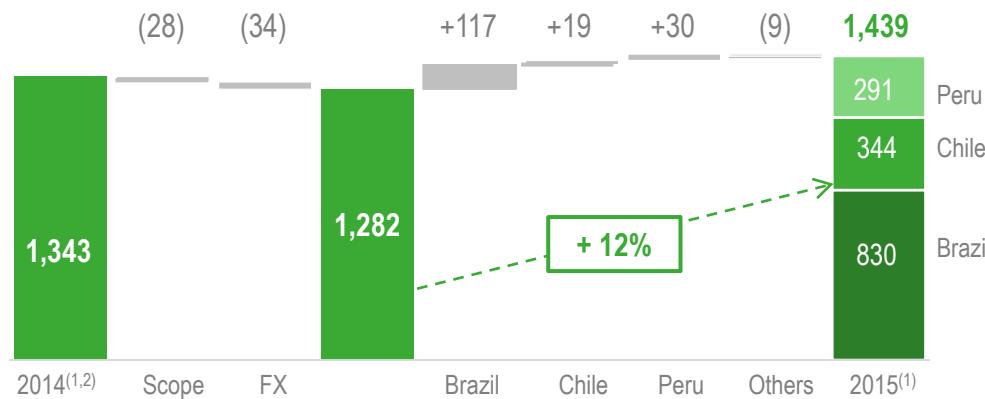
(1) Includes capacity in Latin America, SAMEA, Turkey and Asia-Pacific (excluding Australia)

Long-term contracted: portion of operational capacity contracted for more than 3 years; based on capacity at 100% as of 12/31/2015

# ENERGY INTERNATIONAL / LATIN AMERICA

## EBITDA 2015 vs 2014

In €m



### Strong performance in Brazil

- Higher energy margin due to increases in bilateral contract average prices driven by inflationary adjustments
- Less adverse impact from hydrology thanks to lower PLD prices and adherence to GSF protection mechanism
- Progressive commissioning at Jirau

### Stable contribution from Chile

- Impact of increased volumes from new contracts and lower outage rates, offset by lower margins
- OPEX costs benefitted from CLP devaluation

### Strong performance in Peru

- Higher capacity and energy sales from new PPAs

In €m	2014 <sup>(2)</sup>	2015	Δ 15/14	Δ org
Revenues	3,818	<b>3,683</b>	-3.5%	+3.5%
COI including share in Net Income of associates	982	<b>1,084</b>	+10%	+16%
Electricity sales <sup>(3)</sup> (TWh)	56.2	<b>56.1</b>	-	
Gas sales <sup>(3)</sup> (TWh)	9.5	<b>9.8</b>	+3%	
Installed capacity <sup>(4)</sup> (GW)	14.2	<b>15.7</b>	+11%	
Electricity production <sup>(4)</sup> (TWh)	68.9	<b>73.8</b>	+7%	

### EBITDA 2016 Outlook

- In Brazil:
  - average 2016 GSF forecast at 92%
  - small increases in energy demand
  - incremental price increase in bilateral sales due to inflation
  - agreement on proposals to cap impact of GSF
- In Chile impact of low commodity prices

(1) Total includes Other: +€8m in 2014 and €(25)m in 2015

(2) 2014 was restated post IFRIC 21

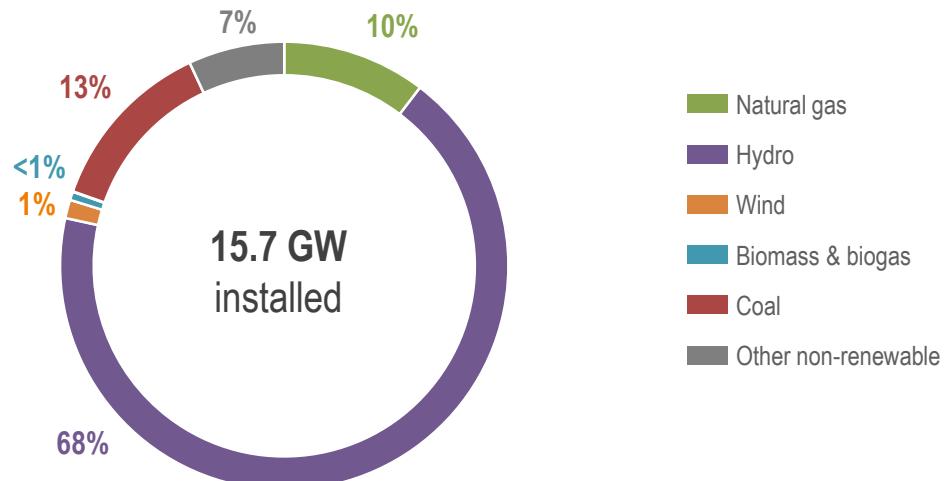
(3) Sales figures are consolidated according to accounting standards

(4) At 100%

# ENERGY INTERNATIONAL / LATIN AMERICA

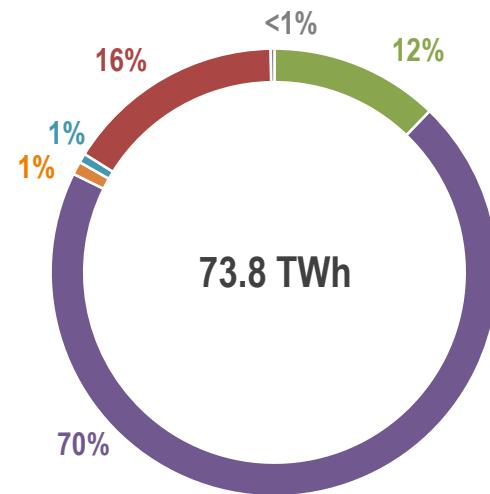
Generation capacity and production as of 12/31/2015, at 100%

## BREAKDOWN OF GENERATION CAPACITY



In MW	In operation	Under construction	Total
BRAZIL	11,758	1,422	<b>13,180</b>
CHILE	2,081	344	<b>2,425</b>
PERU	1,902	610	<b>2,512</b>
<b>TOTAL</b>	<b>15,741</b>	<b>2,376</b>	<b>18,117</b>

## BREAKDOWN OF ELECTRICITY OUTPUT

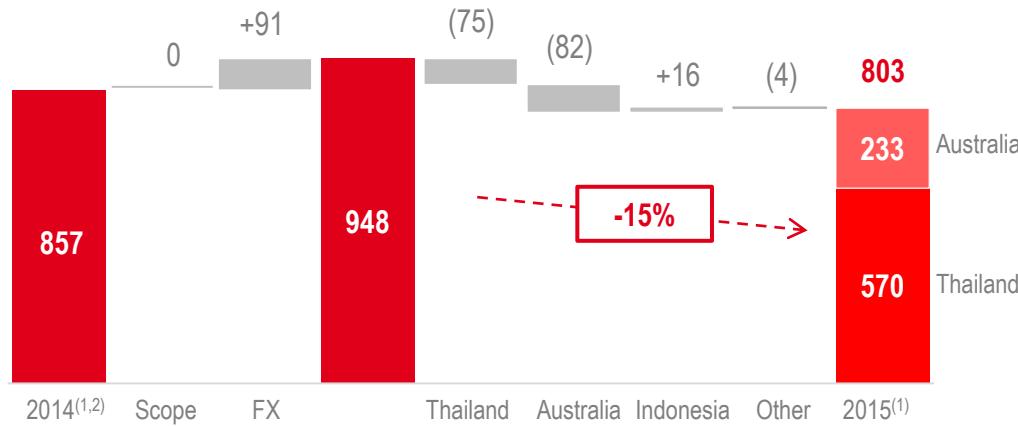


In TWh	Total
BRAZIL	<b>57.5</b>
CHILE	<b>9.3</b>
PERU	<b>7.0</b>
<b>TOTAL</b>	<b>73.8</b>

# ENERGY INTERNATIONAL / ASIA-PACIFIC

## EBITDA 2015 vs 2014

In €m



In €m	2014 <sup>(2)</sup>	2015	Δ 15/14	Δ org
Revenues	2,740	2,684	-2.0%	-11%
COI including share in Net Income of associates	638	585	-8.4%	-18%
Electricity sales <sup>(3)</sup> (TWh)	42.8	41.3	-4%	
Gas sales <sup>(3)</sup> (TWh)	3.7	4.3	+16%	
Installed capacity <sup>(4)</sup> (GW)	12.0	12.0	-	
Electricity production <sup>(4)</sup> (TWh)	65.1	60.8	-7%	

(1) Total includes Other: €(18)m in 2014 and €87m in 2015

(2) 2014 was restated post IFRIC 21

(3) Sales figures are consolidated according to accounting standards

(4) At 100%

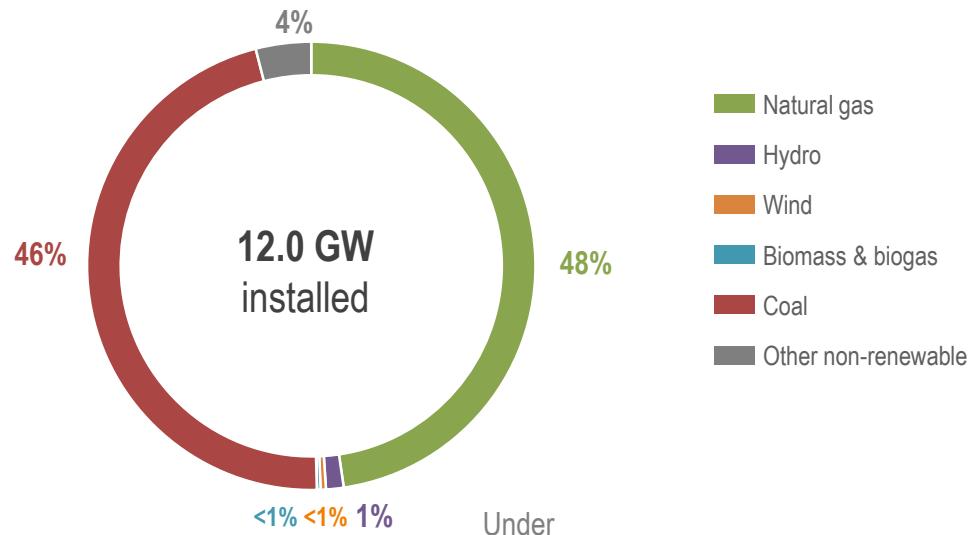
## EBITDA 2016 Outlook

- Price pressure in Australia
- Lower vesting contract level in Singapore and declining retail prices due to oversupply
- In Thailand non-recurrence of one-offs in 2015

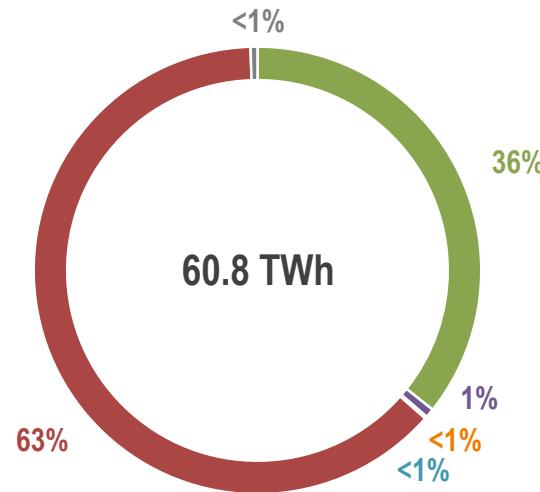
# ENERGY INTERNATIONAL / ASIA-PACIFIC

Generation capacity and production as of 12/31/2015, at 100%

## BREAKDOWN OF GENERATION CAPACITY



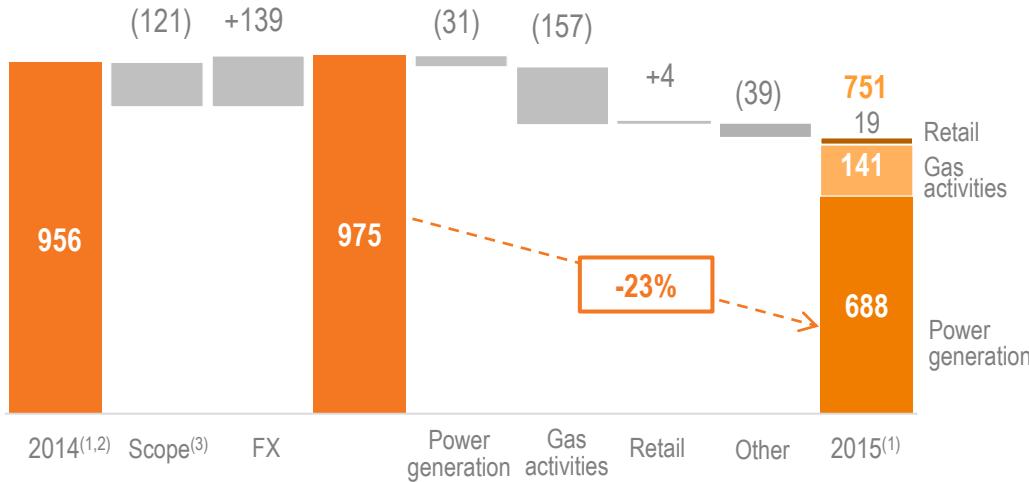
## BREAKDOWN OF ELECTRICITY OUTPUT



# ENERGY INTERNATIONAL / NORTH AMERICA

## EBITDA 2015 vs 2014

In €m



### Generation

- Lower generation performance, which benefitted from one-off items in 2014
- Weaker peak spark spreads and weak hydro flows in NEPOOL partly offset by high generation and positive spreads in PJM

### Gas

- Fewer LNG diversions with lower margins
- Lower margins at Everett and Eco Electrica

### Retail

- Higher margins and positive portfolio impact

### Scope

- Transfer of Yemen LNG diversions to Global Gas & LNG

In €m

	2014 <sup>(2)</sup>	2015	Δ 15/14	Δ org
Revenues	3,782	4,450	+18%	-
COI including share in Net Income of associates	688	437	-36%	-34%
Electricity sales <sup>(4)</sup> (TWh)	64.9	72.0	+11%	
Gas sales <sup>(4)</sup> (TWh)	31.6	39.7	+26%	
Installed capacity <sup>(5)</sup> (GW)	13.1	13.0	-1%	
Electricity production <sup>(5)</sup> (TWh)	48.7	51.4	+6%	

## EBITDA 2016 Outlook

- Continued pressure on gas margins and fewer diversion opportunities
- Continued growth of retail business

(1) Total includes Other: €(47)m in 2014 and €(96)m in 2015

(2) 2014 was restated post IFRIC 21

(3) Of which intra-Group scope effect with Global Gas & LNG of €(87)m

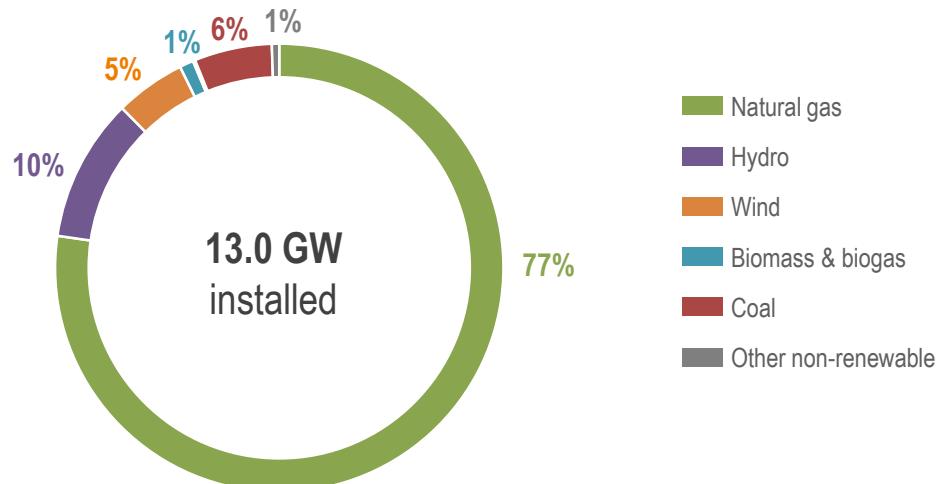
(4) Sales figures are consolidated according to accounting standards

(5) At 100%

# ENERGY INTERNATIONAL / NORTH AMERICA

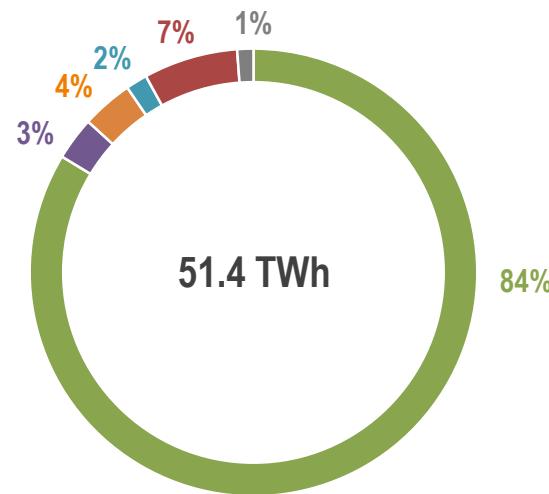
Generation capacity and production as of 12/31/2015, at 100%

## BREAKDOWN OF GENERATION CAPACITY



In MW	In operation	Under construction	Total
USA	11,379	22	<b>11,401</b>
CANADA	801	-	<b>801</b>
PUERTO RICO	507	-	<b>507</b>
MEXICO	284	32	<b>316</b>
<b>TOTAL</b>	<b>12,971</b>	<b>54</b>	<b>13,025</b>

## BREAKDOWN OF ELECTRICITY OUTPUT

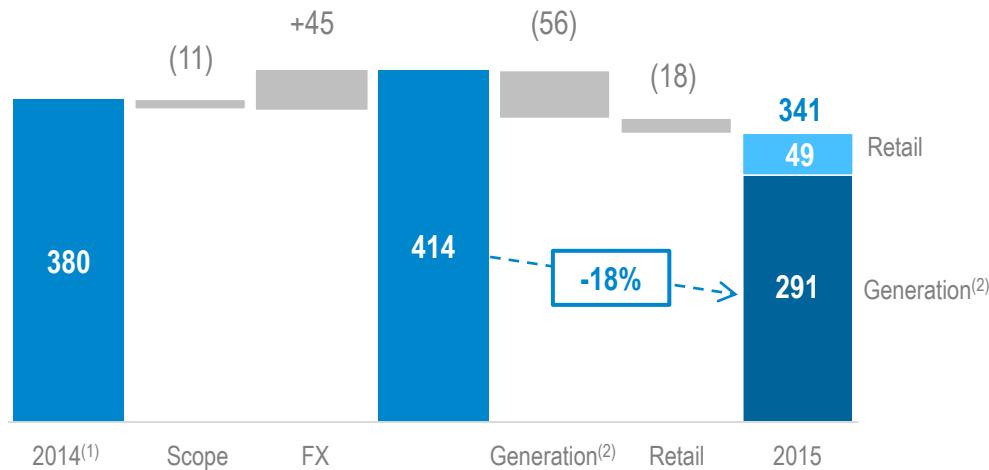


In TWh	Total
USA	<b>43.4</b>
CANADA	<b>2.9</b>
PUERTO RICO	<b>2.9</b>
MEXICO	<b>2.2</b>
<b>TOTAL</b>	<b>51.4</b>

# ENERGY INTERNATIONAL / UK-TURKEY

## EBITDA 2015 vs 2014

In €m



### UK generation & Turkey

- At First Hydro lower contract energy prices and reduced balancing mechanism revenue due to outages
- Lower energy margins due to outages and deteriorating spark spreads
- Good operational performance by Turkish assets
- Positive impact of one-off events

### Retail

- Lower energy margins and higher opex

In €m

	2014 <sup>(2)</sup>	2015	Δ 15/14	Δ org
Revenues	2,957	2,872	-2.9%	-13%
COI including share in Net Income of associates	271	259	-4.5%	-13%
Electricity sales <sup>(3)</sup> (TWh)	30.1	26.1	-13%	
Gas sales <sup>(3)</sup> (TWh)	35.2	42.1	+20%	
Installed capacity <sup>(4)</sup> (GW)	8.2	6.3	-23%	
Electricity production <sup>(4)</sup> (TWh)	24.2	20.9	-14%	

### EBITDA 2016 Outlook

- Pressure on margins to continue

(1) 2014 was restated post IFRIC 21

(2) Includes corporate costs and all operations in Turkey

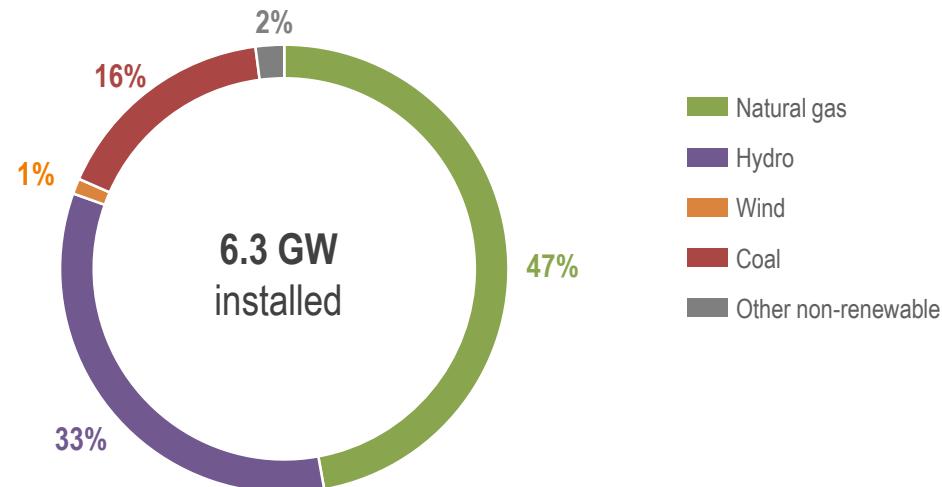
(3) Sales figures are consolidated according to accounting standards

(4) At 100%

# ENERGY INTERNATIONAL / UK-TURKEY

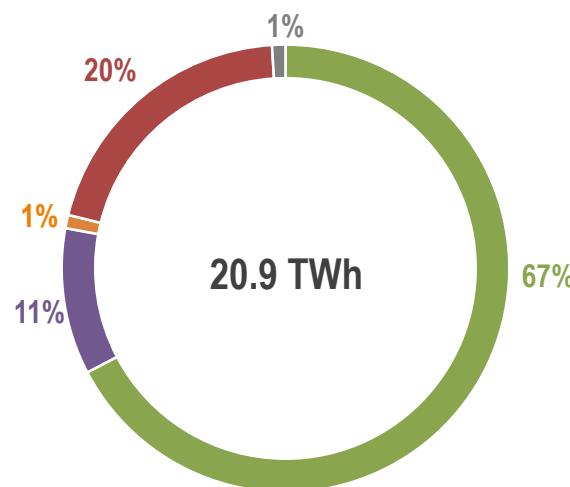
Generation capacity and production as of 12/31/2015, at 100%

## BREAKDOWN OF GENERATION CAPACITY



In MW	In operation	Under construction	Total
UNITED KINGDOM	5,025	10	5,035
TURKEY	1,243	-	1,243
<b>TOTAL</b>	<b>6,268</b>	<b>10</b>	<b>6,278</b>

## BREAKDOWN OF ELECTRICITY OUTPUT

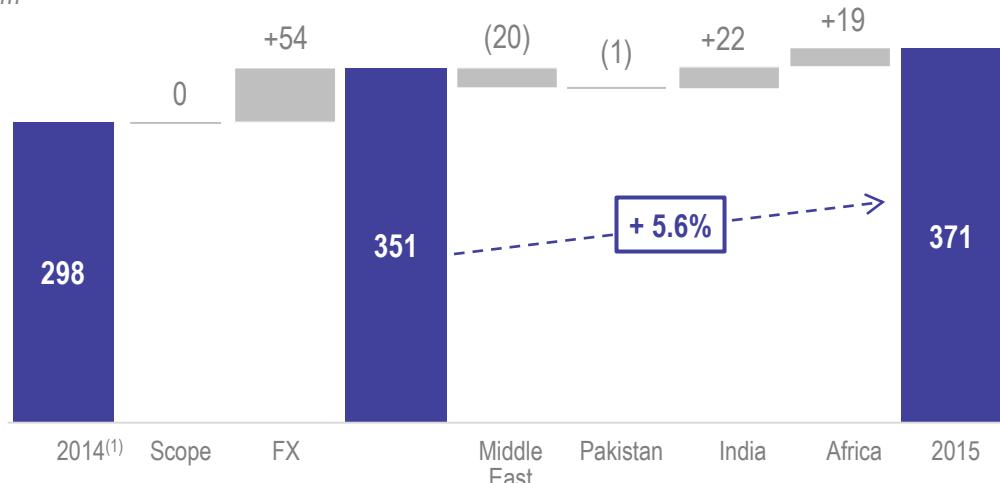


In TWh	Total
UNITED KINGDOM	12.5
TURKEY	8.4
<b>TOTAL</b>	<b>20.9</b>

# ENERGY INTERNATIONAL / SOUTH ASIA, MIDDLE EAST & AFRICA

## EBITDA 2015 vs 2014

In €m



- Positive impact of new capacity at Uch II, Tarfaya, Az Zour North, Tihama and South African projects
- Good operational performance at existing plant, particularly Meenakshi phase 1
- One-off benefit resulting from re-structure of Tihama Long Term Service Agreement

Partially offset by:

- One-off provision impact in 2015
- Non-recurrence of provision reversal in 2014
- No development fees in 2015

In €m

	2014 <sup>(1)</sup>	2015	Δ 15/14	Δ org
Revenues	679	846	+25%	+5.6%
COI including share in Net Income of associates	286	355	+24%	+5%
Electricity sales <sup>(2)</sup> (TWh)	8.7	8.5	-2%	
Installed capacity <sup>(3)</sup> (GW)	26.4	27.9	+6%	
Water desalination capacity (MIGD) <sup>(4)</sup>	1,053	1,053	-	
Electricity production <sup>(3)</sup> (TWh)	134.6	149.6	+11%	

## EBITDA 2016 Outlook

- Positive impact of new capacity

(1) 2014 was restated post IFRIC 21

(2) Sales figures are consolidated according to accounting standards

(3) At 100%

(4) Million Imperial Gallons per Day

# ENERGY INTERNATIONAL / SOUTH ASIA, MIDDLE EAST & AFRICA

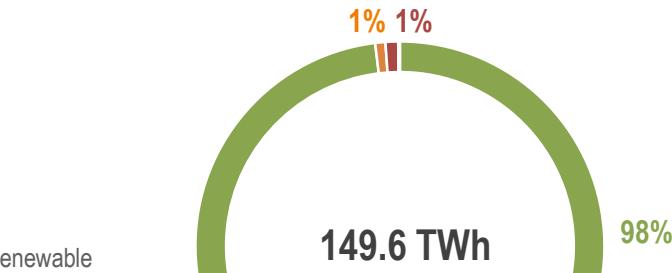
Generation capacity and production as of 12/31/2015, at 100%

## BREAKDOWN OF GENERATION CAPACITY



In MW	In operation	Under construction	Total
PAKISTAN	932	-	<b>932</b>
INDIA	269	638	<b>907</b>
UAE	8,842	1,600	<b>10,442</b>
SAUDI ARABIA	5,893	179	<b>6,072</b>
QATAR	3,755	-	<b>3,755</b>
OMAN	3,693	-	<b>3,693</b>
KUWAIT	668	881	<b>1,550</b>
BAHRAIN	3,117	-	<b>3,117</b>
MOROCCO	301	1,386	<b>1,687</b>
SOUTH AFRICA	437	670	<b>1,106</b>
<b>TOTAL</b>	<b>27,907</b>	<b>5,354</b>	<b>33,261</b>

## BREAKDOWN OF ELECTRICITY OUTPUT



In TWh	Total
PAKISTAN	<b>6.5</b>
INDIA	<b>1.6</b>
UAE	<b>45.9</b>
SAUDI ARABIA	<b>46.0</b>
QATAR	<b>14.7</b>
OMAN	<b>16.6</b>
KUWAIT	<b>2.4</b>
BAHRAIN	<b>14.7</b>
MOROCCO	<b>1.0</b>
SOUTH AFRICA	<b>0.2</b>
<b>TOTAL</b>	<b>149.6</b>

# ENERGY EUROPE

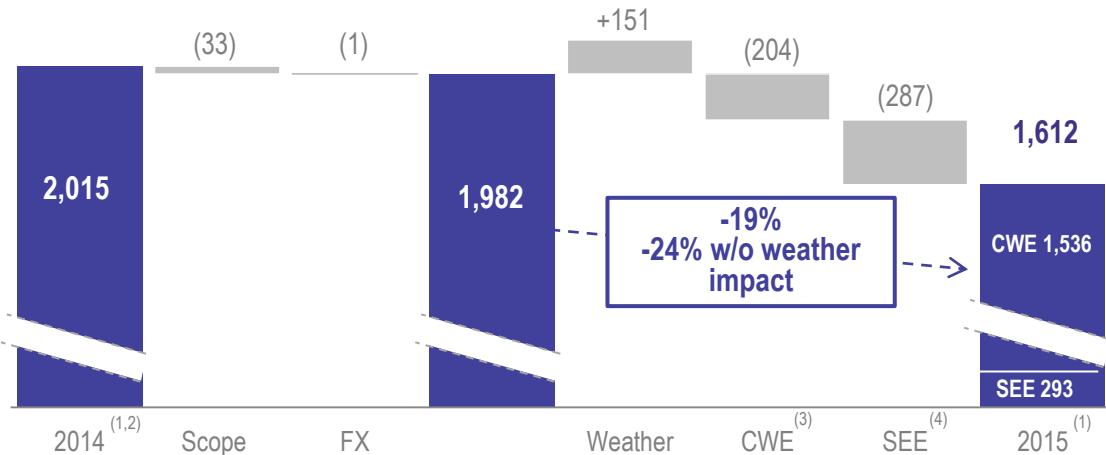


# ENERGY EUROPE

Nuclear outages, power price effects and depressed LNG activity, partially compensated by weather, downstream power margins, gas contracts renegotiations and Perform 2015

## EBITDA 2015 vs 2014

In €m



- Very warm climate in Europe in 2014 vs slightly warm in 2015

### CWE:

- D3/T2 outage from end March 2014 to mid December 2015, D1 stop
- Negative price effect for power
- Depressed LNG activity
- Successful LT gas contracts renegotiation

### SEE:

- Negative effects in Italy (VPP contract, gas portfolio)

Perform 2015 & Quick Reaction Plan net Opex: €211m

In €m	2014 <sup>(2)</sup>	2015	Δ 15/14	Δ org
Revenues	35,158	32,011	-9%	-9%
COI including share in Net Income of associates	908	587	-35%	-33%
Total Capex	1169	1 461		
Gas sales <sup>(5)</sup> (TWh)	606	485	-20%	
Electricity sales <sup>(5)</sup> (TWh)	160	166	3.5%	
Installed capacity <sup>(6)</sup> (GW)	39.7	40.2	1.6%	
Electricity production <sup>(6)</sup> (TWh)	125.2	130.1	3.9%	

	2014	2015
Load factor CCGT fleet	25%	27%
Load factor coal fleet	48%	52%
Nuclear plants availability	62%	51%
Outright CWE achieved price (€/MWh)	47	42

### EBITDA 2016 Outlook

- Belgian nuclear deal: extension D1/D2, laws to be voted on €20m retribution D1/D2 and on new contribution on G2
- Restart D3/T2

- Continuous downward trend in power prices but limited impact thanks to production hedging
- Lean 2018 program

(1) Including Other: €(172)m in 2014 and €(-217)m in 2015

(2) 2014 was restated post IFRIC 21

(3) Central Western Europe

(4) Southern & Eastern Europe

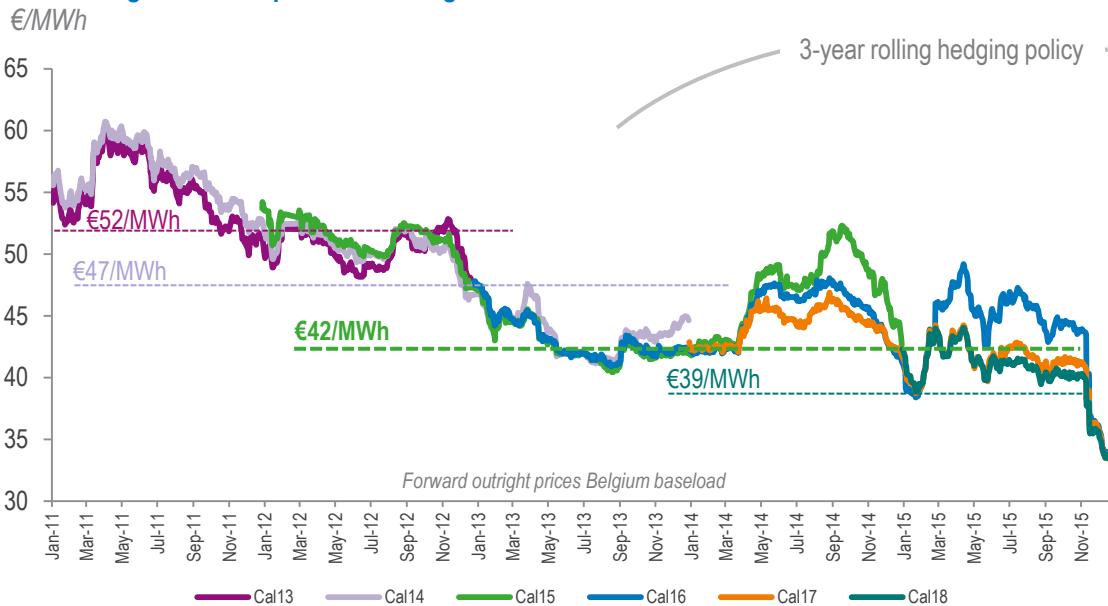
(5) Sales figures are consolidated according to accounting rules

(6) At 100%

# OUTRIGHT POWER GENERATION IN EUROPE

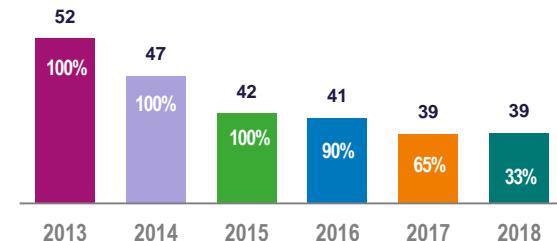
## Nuclear & Hydro

### CWE outright: forward prices and hedges



### Hedges: prices & volumes

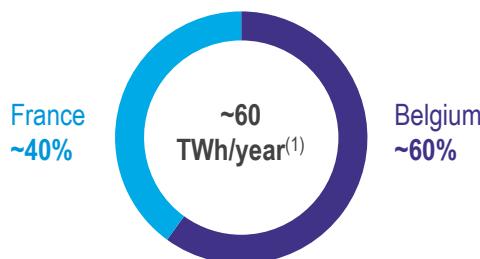
In €/MWh



As of 12/31/2015

France, Belgium including D1&2 extension

### CWE outright: EBITDA price sensitivity



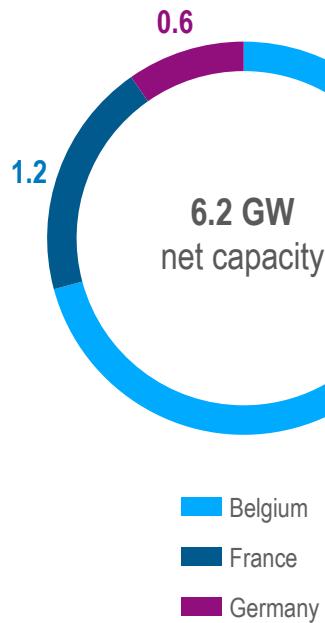
- +/- €1/MWh in achieved price  
↔ ca. +/- €60m EBITDA impact before hedging
- 3-year rolling hedging policy

(1) 2016-2018 estimates including D1 & 2 extension, average hydro conditions

# NUCLEAR CAPACITY

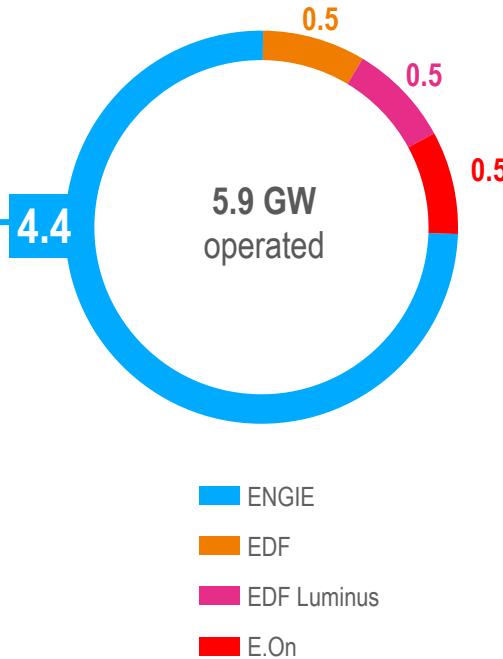
As of 12/31/2015

ENGIE: 6.2 GW<sup>(1)</sup> in Belgium, France and Germany



BELGIAN OPERATED CAPACITY by owner<sup>(1)</sup>

In Belgium, **ENGIE operates 5.9 GW** through 7 units  
(to reach 40/50-year lifetime between 2022 and 2025)



(1) Net of third party capacity and drawing rights. Tihange 1, Doel 1 & Doel 2 extended for 10 years (Tihange 1 until 01/10/2025, Doel 1 until 15/02/2025 and Doel 2 until 01/12/2025)

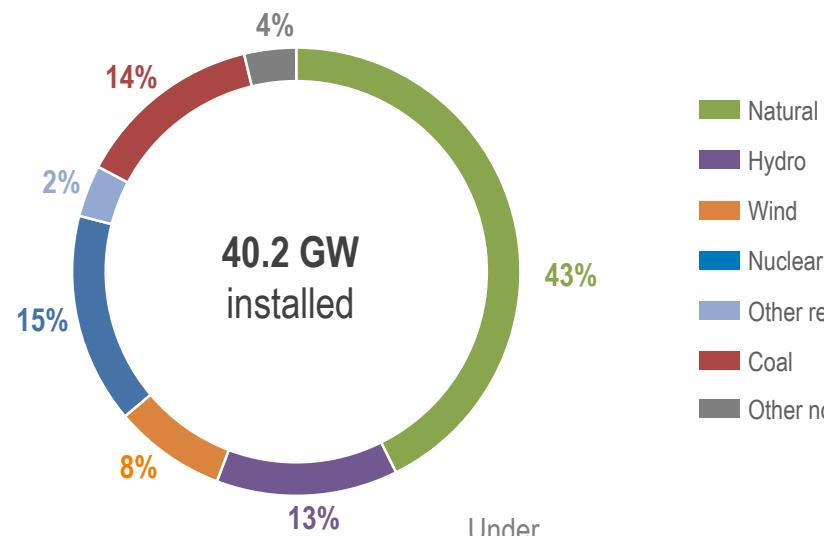
# ENERGY EUROPE

Generation capacity and production as of 12/31/2015 at 100%

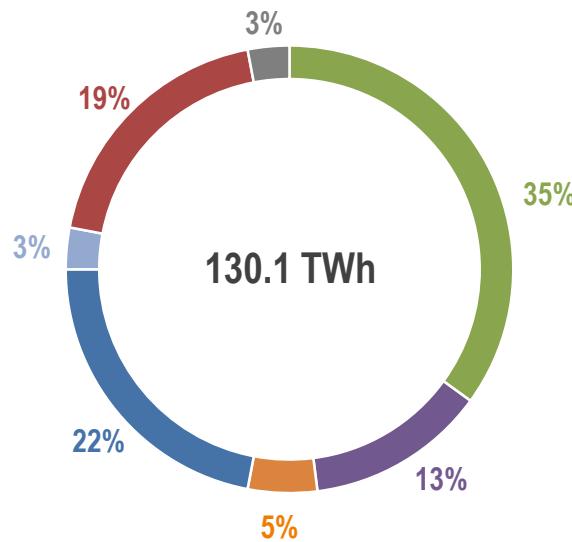
## BREAKDOWN OF GENERATION CAPACITY

83% low CO<sub>2</sub> emissions

22% renewables



## BREAKDOWN OF ELECTRICITY OUTPUT



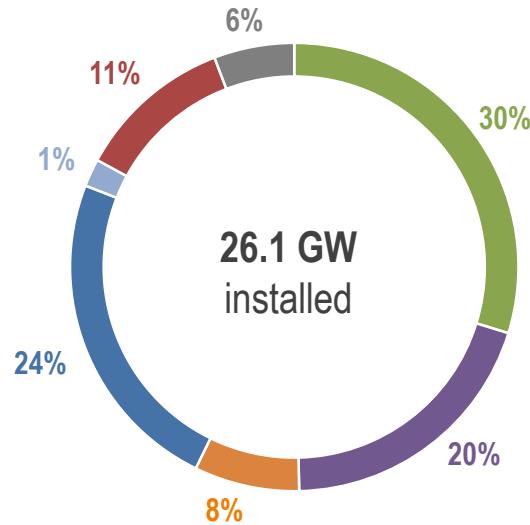
# ENERGY EUROPE / CENTRAL WESTERN EUROPE

Generation capacity and production as of 12/31/2015 at 100%

## BREAKDOWN OF GENERATION CAPACITY

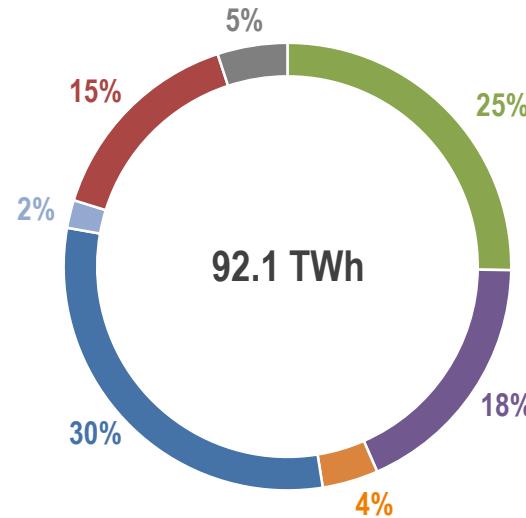
83% low CO<sub>2</sub> emissions

24% renewables



In MW	In operation	Under construction	Total
FRANCE	8,950	129	<b>9,079</b>
BELGIUM	9,317	11	<b>9,328</b>
NETHERLANDS	4,459	0	<b>4,459</b>
LUXEMBOURG	376	0	<b>376</b>
GERMANY	3,037	0	<b>3,037</b>
<b>TOTAL</b>	<b>26,140</b>	<b>139</b>	<b>26,280</b>

## BREAKDOWN OF ELECTRICITY OUTPUT



In TWh	Total
FRANCE	<b>32.0</b>
BELGIUM	<b>32.1</b>
NETHERLANDS	<b>14.7</b>
LUXEMBOURG	<b>0.6</b>
GERMANY	<b>12.8</b>
<b>TOTAL</b>	<b>92.1</b>

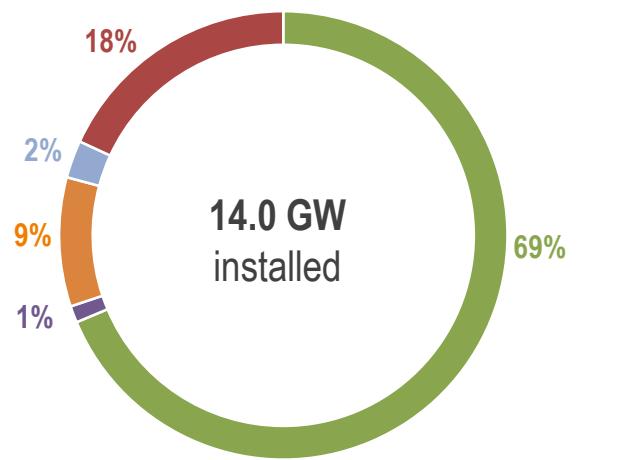
# ENERGY EUROPE / SOUTHERN & EASTERN EUROPE

Generation capacity and production as of 12/31/2015 at 100%

## BREAKDOWN OF GENERATION CAPACITY

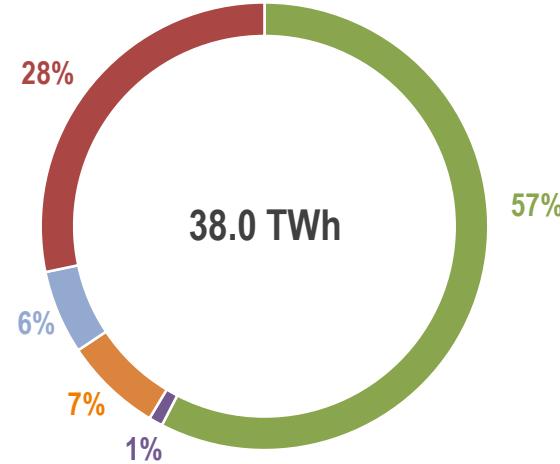
83% low CO<sub>2</sub> emissions

13% renewables



**14.0 GW  
installed**

## BREAKDOWN OF ELECTRICITY OUTPUT



**38.0 TWh**

In MW	In operation	Under construction	Total
POLAND	1,864	17	<b>1,881</b>
ROMANIA	98	0	<b>98</b>
ITALY	6,065	0	<b>6,065</b>
GREECE	570	0	<b>570</b>
SPAIN	2,077	0	<b>2,077</b>
PORTUGAL	3,369	0	<b>3,369</b>
<b>TOTAL</b>	<b>14,042</b>	17	<b>14,059</b>

In TWh	Total
POLAND	<b>9.3</b>
ROMANIA	<b>0.3</b>
ITALY	<b>18.5</b>
GREECE	<b>0.4</b>
SPAIN	<b>0.7</b>
PORTUGAL	<b>8.8</b>
<b>TOTAL</b>	<b>38.0</b>

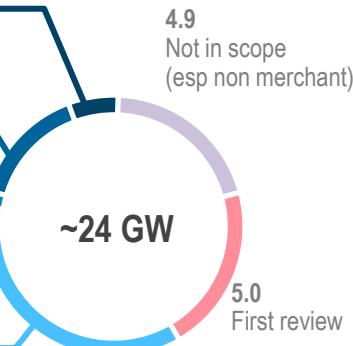
# STRONG REACTION TO TOUGH ENVIRONMENT

Pursuing a disciplined generation fleet review

**~23 GW REVIEWED SINCE 2009**

Implementation date	2009-2013	2014	FY 2015	2016-Later	TOTAL SINCE 2009
Durably cash negative → Close*	7.4 GW	1.7 GW Removed from the fleet	0.7 GW	0.5 GW	10.3 GW
Cash negative, potential to become positive in the medium/long term → Mothball	1.7 GW	0.4 GW	0.8 GW	0.7 GW	3.6 GW
Cash negative, potential to become positive in the short term → Transform			0.5 GW		0.5 GW
Cash positive → Optimize	2.1 GW	2.7 GW	2.7 GW	1.2 GW	8.7 GW
* or sell		Total	4.8 GW	4.7 GW	23.1 GW

BEE thermal capacity  
end December 2015



**~ 4.7 GW IMPLEMENTED IN 2015**

## MOTHBALL: 0.8 GW & CLOSING: 0.7 GW

- Mothball NL: Maxima Flevo 5 (seasonal) 438 MW, Eems EC 6 (summer) 360 MW
- Closing NL: Harculo 80 MW, Gelderland 592 MW

## TRANSFORM: 0.5 GW

- BE: Herdersbrug CCGT (peaker transformation) 480 MW

## OPTIMIZATION: 2.7 GW

- BE: CHP 635 MW; Awirs 4 95 MW
- ES: Cartagena 1199 MW, Castelnou 791 MW

# ENERGY EUROPE

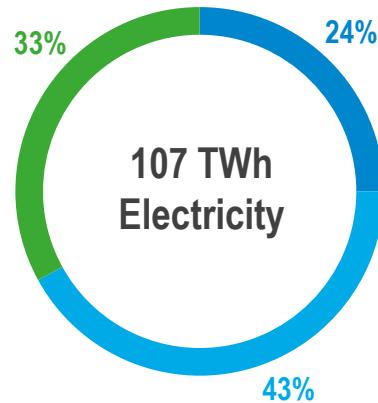
## Breakdown of electricity and gas sales as of December 2015

### Contracts<sup>(1)</sup> (Million)

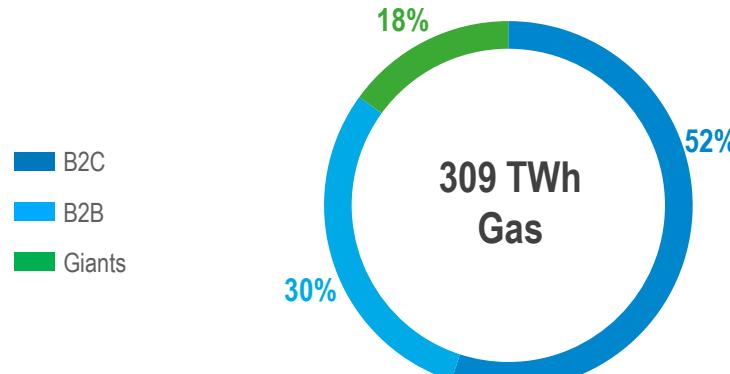
### Sales to final customers<sup>(2)</sup> (TWh)

	Electricity	Gas	Services	Electricity	Gas
<b>TOTAL EUROPE</b>	<b>6.1</b>	<b>12.7</b>	<b>2.6</b>	<b>107.1</b>	<b>309.0</b>
of which France	2.8	8.6	1.9	31.5	174.1
of which Belgium	2.7	1.4	-	42.6	45.0
of which Italy	0.2	0.7	-	3.2	12.9
of which Romania	-	1.6	0.7	0.6	33.2

### Split of ELECTRICITY sales to final customer



### Split of GAS sales to final customer



(1) Number of contracts is consolidated at 100%, excluding entities at equity method

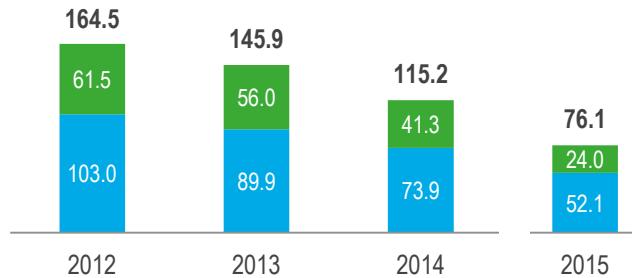
(2) Sales figures are consolidated according to accounting rules, Group contribution

# ENERGY EUROPE

## Electricity & gas sales by customer segment in France

### B2B & GIANTS (TWh)

#### Gas at average climate<sup>(1,2)</sup>



#### Electricity



Giants  
B2B

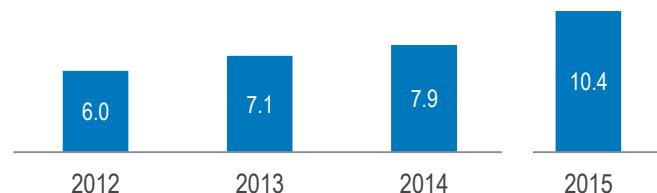
- ➔ Increasing competition on B2B and Giants gas sales
- ➔ Market share of 31.0% (B2B)

### B2C SALES (TWh)

#### Gas at average climate<sup>(4)</sup>



#### Electricity



- ➔ Contained losses for the residential gas customer base
- ➔ Market share B2C 77.4%, SME 56.0%

- ➔ Development of B2C power sales through dual fuel contracts
- ➔ Market share B2C 8.1%, SME 6.3%

Including intra-Group sales

(1) Except for Giant customers (Engie Global Energy)

(2) Of which public distribution tariffs: 60.7 TWh in FY 2012; 55.7 TWh in FY 2013; 35.6 TWh in FY 2014; 1.9 TWh in FY 2015

(3) Including Giants

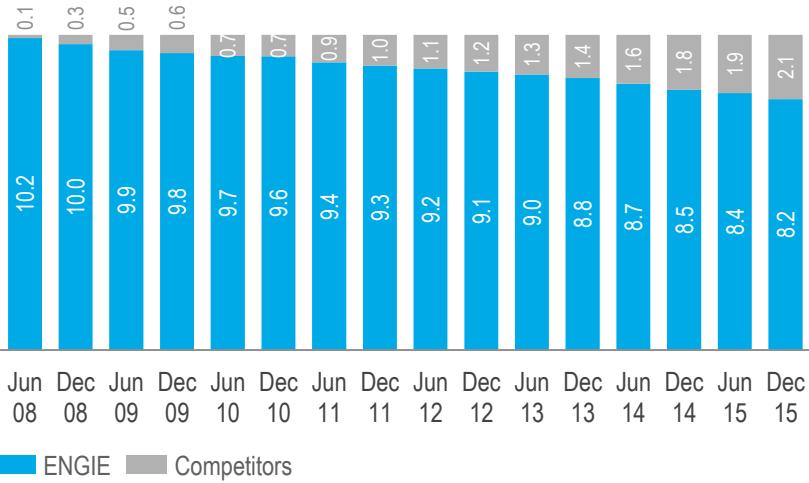
(4) Of which public distribution tariffs: 114.2 TWh in FY 2012; 104.6 TWh in FY 2013; 90.1 TWh in FY 2014; 74.5 TWh in FY 2015

# ENERGY EUROPE

## Residential & small business customers portfolio in France

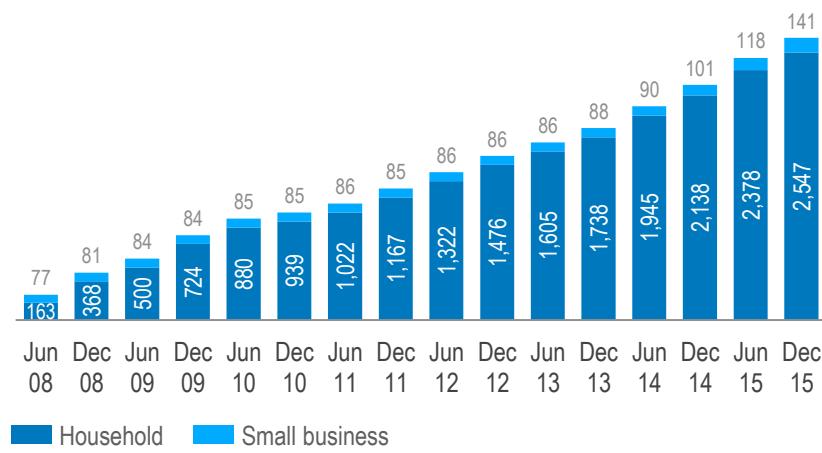
### GAS

#### Household (Millions of contracts)



### ELECTRICITY

#### Household & small business (Thousands of contracts)



### Small Business

Portfolio of **208,000** contracts as at 12/31/2015

slight decrease of **11,000** contracts since January 2015 despite end of regulated tariff for part of the portfolio

### Household

Increased by **409,000** contracts since December 2014

The growth in electricity accelerates and exceeds the decrease in gas

### Small business

Increased by **40,000** contracts since December 2014

# ENERGY EUROPE

## Electricity & gas sales by customer segment in Belgium

### B2B & GIANTS (TWh)

Gas



Electricity

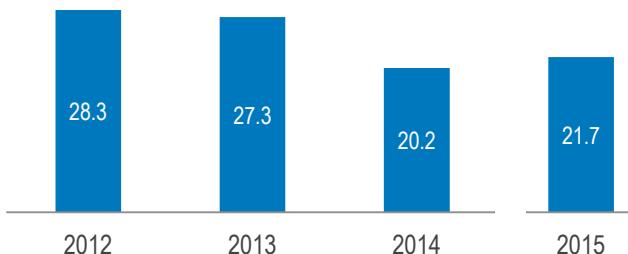


Giants  
B2B

→ Decrease in gas volumes for Giants due to harsh competition

### B2C SALES (TWh)

Gas



Electricity



→ Churn stabilized both in gas and electricity with respective market shares of 44% and 48% but gas volumes increased mainly because of colder climate

# GLOBAL GAS & LNG

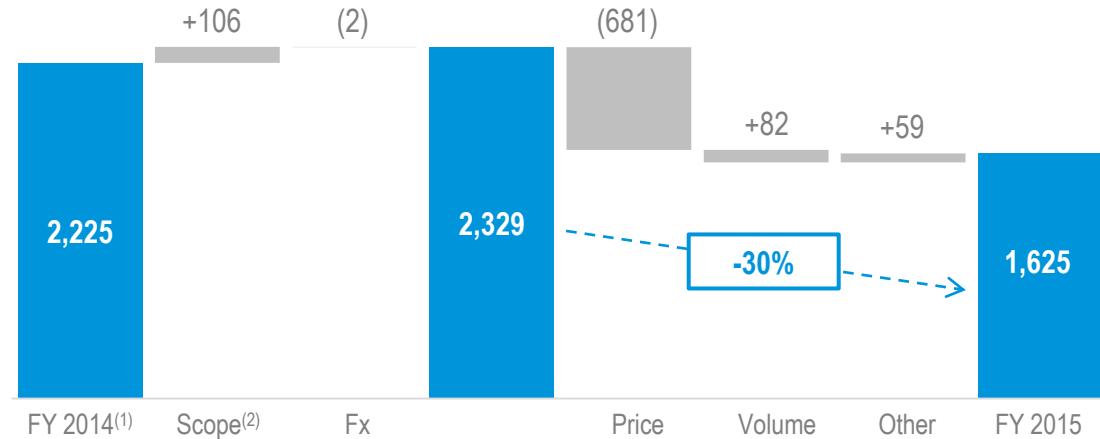


# GLOBAL GAS & LNG

## Difficult market conditions in E&P and LNG

### EBITDA 2015 vs 2014

In €m



### E&P

- Adverse 2015 market prices (mostly Brent)
- Partly offset by higher production (ramp ups of Gudrun, Amstel & Juliet) and hedge impacts

### LNG

- Supply disruptions (Egypt and Yemen)
- Limited spot opportunities in Europe and Asia
- Partly mitigated by optimized backfills for MT/LT contract deliveries

Perform 2015 & Quick Reaction Plan net Opex: €96m

In €m	2014 <sup>(1)</sup>	2015	Δ 15/14	Δ org
Revenues (including intra-Group)	9,551	5,993	-37%	
Revenues	6,883	4,246	-38%	-42%
COI including share in Net Income of associates	1,064	535	-50%	-55%
Total Capex	1,208	1,059		
Brent average (\$/bbl)	99.0	52.5	-47%	
NBP average (€/MWh)	22.0	20.4	-8%	
Hydrocarbon production (mboe)	55.5	59.1	+6%	
LNG sales to third parties (TWh)	119.2	71.4	-40%	

### EBITDA 2016 Outlook

#### E&P

- Expected unfavorable evolution of commodity prices will be partly mitigated by active hedging strategies and aggressive actions on costs and performance optimization
- Production ~53 mboe

#### LNG

- Weak market conditions should continue to put pressure on margins but could be partially offset by an improved supply shortfall situation. Active portfolio optimization strategies and reinforced cost controls should provide some relief

Lean 2018 program

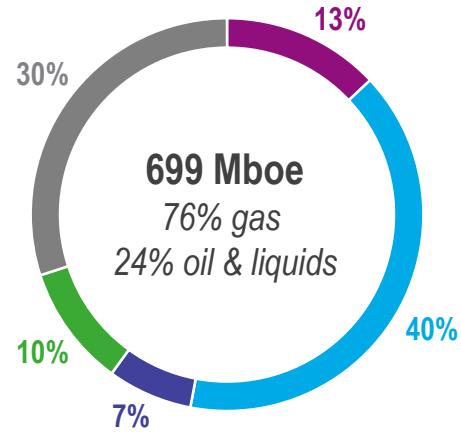
(1) 2014 was restated post IFRIC 21

(2) Of which intra-Group scope effect with Energy International of +€121m

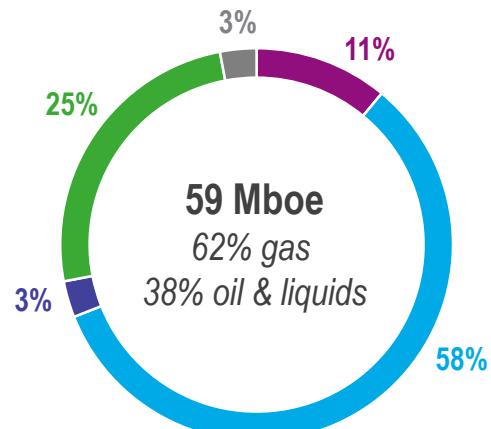
# GLOBAL GAS & LNG

## Geographic breakdown of oil and gas production

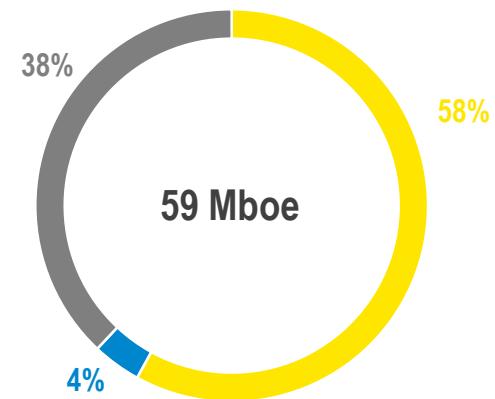
Geographic breakdown  
of **2P RESERVES**  
as of 12/31/2015



Geographic breakdown  
of **PRODUCTION**  
as of 12/31/2015



**SALES PORTFOLIO**  
breakdown  
(% production) as of 12/31/2015



█ Germany  
█ Norway  
█ UK  
█ Netherlands  
█ Others

█ Gas market prices  
█ Gas contracts based on mixed formulas (including oil & fuel indexes)  
█ Brent & other liquids

# CAMERON LNG PROJECT IN THE US

## PROJECT DESCRIPTION

- **12 mtpa liquefaction capacity**, gas supplied from Henry Hub
- **ENGIE**
  - 4 mtpa tolling contract
  - JV with Sempra Energy, Mitsubishi and Mitsui for development, building and financing
  - Equity share: 16.6%
- **Total project costs: ~\$10bn**
- **FID taken early August 2014**
- **Construction started in October 2014**
- **COD in 2018**

## ENGIE OPPORTUNITIES

- 4 mtpa flexible LNG – no margin sharing
- A tool to deal with LNG cyclical markets
- Opportunity to sell LNG to new markets and customers in fast growing countries, notably Asia, LATAM and Middle East
- Synergies with the Group LNG supply portfolio



# CYGNUS PROJECT IN THE UK

## PROJECT DESCRIPTION

- **Key achievement:** successful 2015 offshore campaign with 10 heavy lifts
- **Largest discovery** in southern gas basin in the last 25 years - 6<sup>th</sup> largest gas field in the UK by remaining reserves (43 Mboe net ENGIE, 111 Mboe 100%)
- **Equity share:** 38.75% (Centrica 48.75% - Bayerngas 12.5%)
- ~12 million man-hours - 10 development wells with horizontal sections
- **First gas:** May 2016

## ENGIE OPPORTUNITIES

- **Potential hub** for the region
- **5% of UK domestic gas production** at plateau and supply of **1.4 million households** annually in the UK
- Up to **4,000 direct and indirect jobs created** at the peak of construction and 120 offshore operational jobs thereafter
- **Production plateau: 14.4 Mboe/year**



# INFRASTRUCTURES

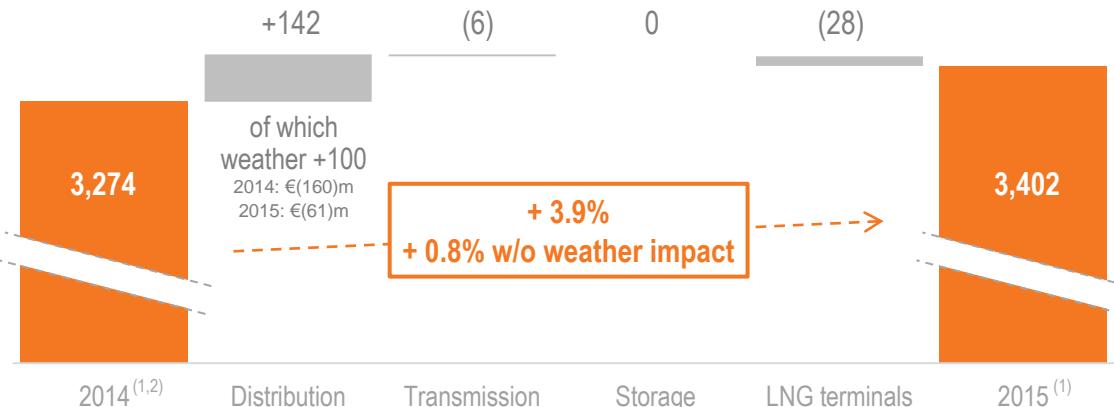


# INFRASTRUCTURES

Strong resilience to less negative weather impact supported by operational performance

## EBITDA 2015 vs 2014

In €m



- A less negative weather impact than 2014 in distribution
- Annual revision of tariffs for distribution (+3.93%), transmission (+2.5%) and LNG terminals

Perform 2015 & Quick Reaction Plan net Opex: €26m

In €m	2014 <sup>(2)</sup>	2015	Δ 15/14	Δ org
Revenues (including intra-Group)	6,812	<b>6,608</b>	-3.0%	
Revenues	2,994	<b>3,055</b>	+2.0%	+2.01%
COI including share in Net Income of associates	1,994	<b>2,072</b>	+3.9%	+3.95%
Total Capex	1,729	<b>1,534</b>		
Gas distributed by GrDF (TWh)	260	<b>277</b>	+6.5%	
Distribution RAB <sup>(3)</sup> (€bn)	14.3	<b>14.2</b>	-0.6%	
Transmission RAB <sup>(3)</sup> (€bn)	7.2	<b>7.6</b>	+4.7%	
LNG Terminals RAB <sup>(3)</sup> (€bn)	1.2	<b>1.2</b>	-3.2%	
Storage capacity sold <sup>(4)</sup> (TWh)	99	<b>103</b>	+3.4%	

## EBITDA 2016 Outlook

### Benefit of yearly adjustment on tariffs:

- Next tariff for distribution as from 1<sup>st</sup> July, 2016, likely to last 4 years
- Transmission as from April 1<sup>st</sup>, 2016 (+3.9%)

### ATRD5 as from July 1<sup>st</sup>

Lean 2018 program

(1) Including Other: €(3)m in 2014 and €16m in 2015

(2) 2014 was restated post IFRIC 21

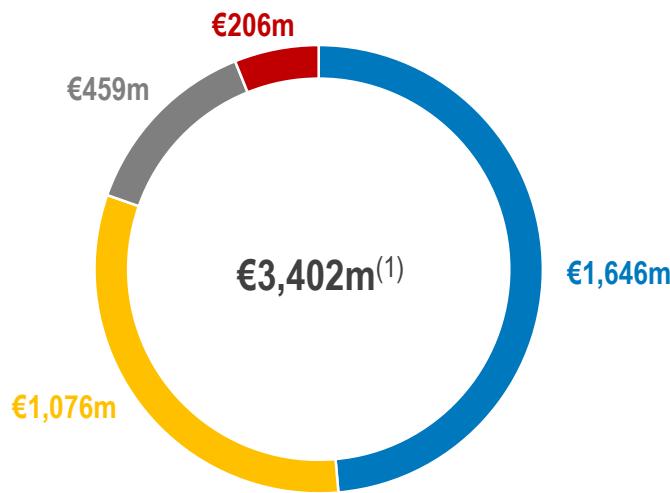
(3) Regulated Asset Base as of 01/01

(4) Of which France: 78 TWh in 2014 and 84 TWh in 2015

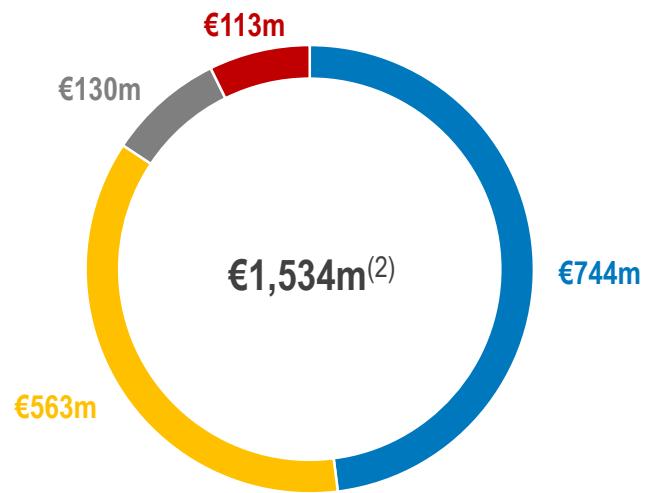
# INFRASTRUCTURES

Secured cash flows, visibility and steady growth

## 2015 EBITDA BREAKDOWN



## 2015 CAPEX BREAKDOWN



- Distribution France
- Transmission
- Storage
- LNG terminals

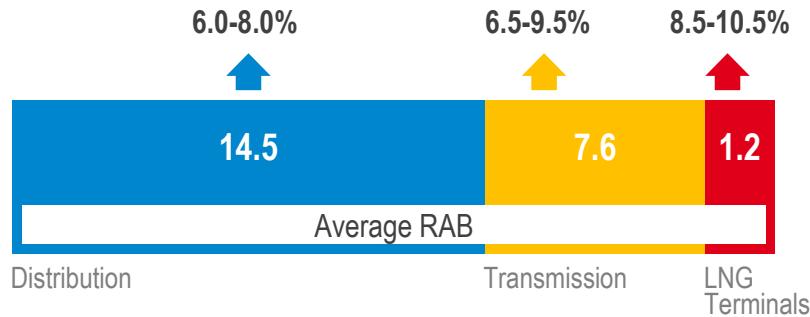
(1) Others: €16m  
(2) Others: €(17)m

# INFRASTRUCTURES

## Secured revenues, visibility and steady growth

### STABLE FRAMEWORK WITH INCENTIVES

- Long regulation period:  
**4 years with a yearly update:**
  - Distribution      **+3.93% from July 1<sup>st</sup>, 2015**
  - Transmission     **+3.9% from April 1<sup>st</sup>, 2016**
- **€23.3bn** of average RAB<sup>(1)</sup>, basis of theoretical EBIT calculation



(1) In France, total of transmission, distribution, LNG terminals, in 2015

(2) Indicative RAB investments in tariffs in France

### VISIBILITY & STEADY GROWTH

- Average RAB
  - 2015                    **€23.3bn**
  - 2014                    **€23.0bn**
- Indicative Capex program of **~€1.5bn over 2016<sup>(2)</sup>**
  - Distribution            **+€0.8bn**
  - Transmission          **+€0.7bn**
- Storengy is the paneuropean leader in storage with **~12 bcm** of capacity and within the top 4 in Germany

# INFRASTRUCTURES

## Regulation in France

	Period of regulation	Investments (in €m)		RAB remuneration (real pre-tax)	Type of tariff	Average 2015 regulated asset base (in €bn)
		2014	2015			
DISTRIBUTION	7/1/2012-7/1/2016	717	747	6.0% + incentives of 200bps over 20yrs for Gazpar	Tariff N+1: Inflation +0.2% + k <sup>(1)</sup>	14.5
TRANSMISSION	4/1/2013-3/31/2017	726	561	6.5% + incentives up to 300bps over 10yrs	OPEX N+1: Inflation -1.45%	7.6
LNG TERMINALS	4/1/2013-3/31/2017	24	113	8.5% + incentives 125bps (for Capex decided in 2004-2008) and 200bps for extensions over 10yrs	Cost +	1.2
<b>TOTAL</b>		<b>1,467</b>	<b>1,422</b>			<b>23.3</b>

(1) Regularization account clearance term. Capped at +2% and floored at -2%

# NEW PROJECT IN THE GAS DISTRIBUTION BUSINESS “SMART METERING”

*Gazpar will allow better billing based on actual data as well as first steps towards demand side management*

## OBJECTIVES

- Improve billing quality and client satisfaction
- Develop Energy Management
- Optimize the distribution network

## DISTRIBUTION

### Nature of the project

- Launch of smart meters to 11 million clients, individuals and professionals, so far metered every six months

### Project status

- **Decision of French government issued** on September 23<sup>rd</sup>, 2014 on smart gas metering roll-out on all concessions of GRDF
- Contract for the manufacture of the Gazpar smart meters was successfully achieved and awarded February 21<sup>st</sup>, 2014 following an extensive €0.6bn tendering process
- In 2015, end of the material and IS construction allowing, as planned, the launch of the pilot phase



Design: Emmanuel Cairo

### Planning

- Tests conducted in 2010 and 2011 on 18,500 meters
- Construction phase launched mid 2011, in a pilot phase
- Tests to be carried out on 150,000 meters in 2016
- Widespread implementation between 2017 and 2022

### Financials

- Net investment: ~€1bn
- Regulator has defined a specific incentive scheme with **200 bps premium** on the return over a 20 year-period

### Energy Demand Management

- Daily access to consumption data:
- Analysis / an appropriate advise
- Better control of energy consumption

# ENERGY SERVICES

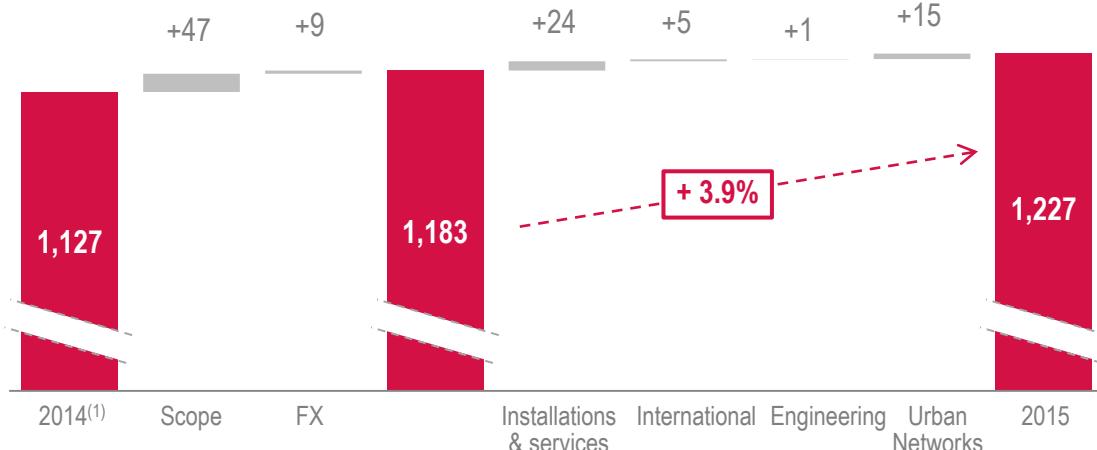


# ENERGY SERVICES

Growing results driven by acquisitions and activities in France

## EBITDA 2015 vs 2014

In €m



- Climate conditions closer to seasonal averages vs previous year
- 2014 acquisitions: international, Tractebel Engineering
- Services and Installations activities in France: slight growth thanks to commissioning in spite of a challenging macro-economic context and reduction in public investments
- Impact on Oil & Gas activities mainly in Norway and UK (lower volume of order intakes)

Perform 2015 & Quick Reaction Plan net Opex: €105m

In €m	2014 <sup>(1)</sup>	2015	Δ 15/14	Δ org
Revenues	15,673	16,001	2.1%	-0.4%
COI including share in Net Income of associates	791	854	7.9%	2.4%
Total Capex	1,105	838		
Services – Net commercial development (€m/y)	205	197		
Installations – Backlog	5,519	5,240		
Engineering – Backlog	619	807		

## EBITDA 2016 Outlook

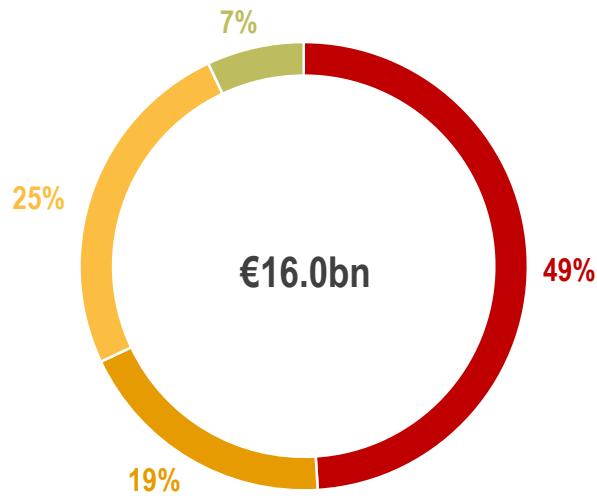
- Operational result growth vs 2015
- Continuous performance efforts to improve margin ratios
- Lean 2018 program

(1) 2014 was restated post IFRIC 21

# ENERGY SERVICES

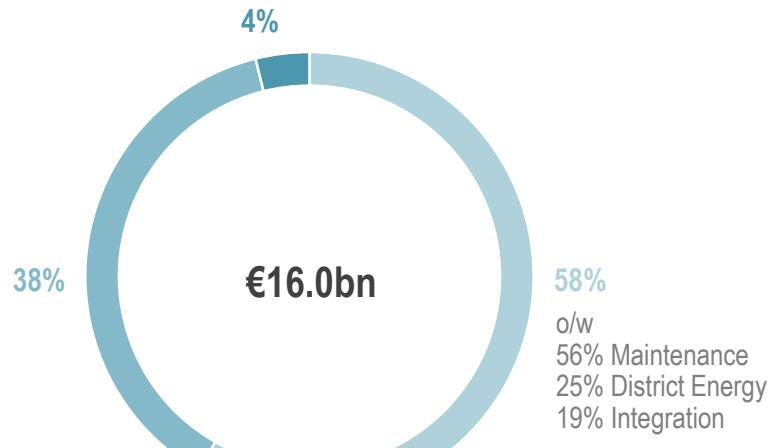
## 2015 revenues breakdown

### BY GEOGRAPHIC AREA



- France
- Benelux
- Other Europe
- International outside Europe

### BY ACTIVITY



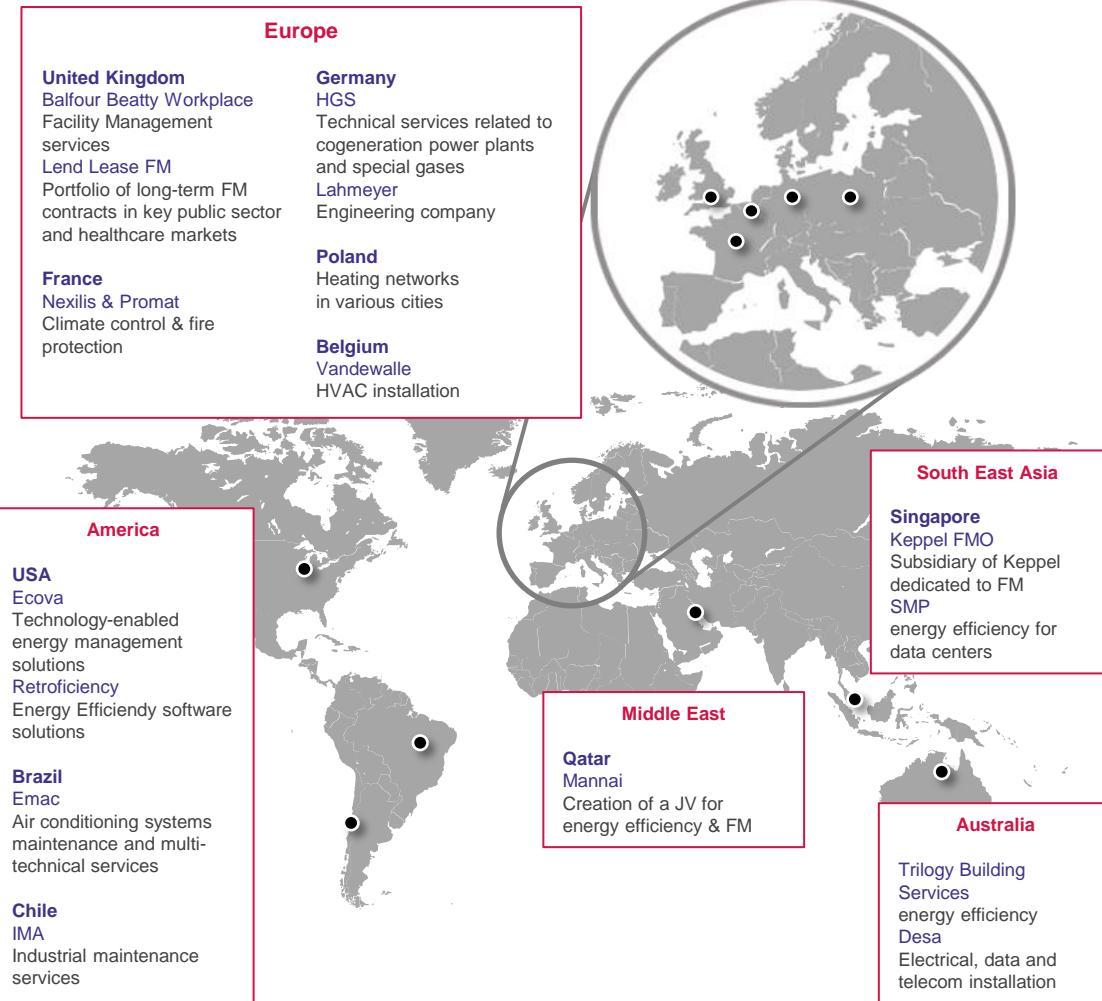
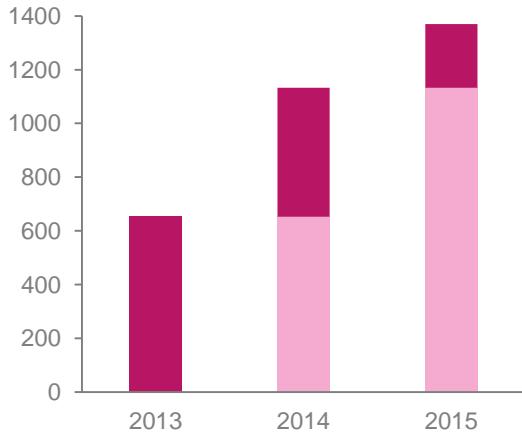
- Services
- o/w
- Engineering
- Installations
- Maintenance
- District Energy
- Integration

# ENERGY SERVICES

Strengthening leadership in Europe and creating strong local position abroad

## SELECTIVE ACQUISITIONS/GROWTH ALONG THE VALUE CHAIN

**~ €1.4bn incremental revenues**  
from 21 acquisitions closed in 2013/15<sup>(1)</sup>



(1) Based on 12 months average contribution

# SUSTAINABILITY



# MAIN ENVIRONMENTAL AND SOCIETAL RESPONSIBILITY (ESR) CHALLENGES FACED BY ENGIE

## ENGIE'S MISSION STATEMENT

- Supply the **goods and services that are essential to life**, to millions of people all over the world
- Contribute to **build a better world, combining access to energy & respect of environment**
- Long term vision: promote access to energy with a **lower carbon intensity, increased reliability & flexibility, with smart solutions & solutions for mobility**

## MAIN ESR CHALLENGES

- **Climate change:** strong impact on energy companies' business models
- **Fight against pollution** (water, air, soil)
- **Water resources management:** operational challenges & image risk
- **Saving resources:** translating into energy efficiency in the energy sector
- **Biodiversity:** already a major cause of additional expenditure or rejection for new projects
- **Stakeholder management:** homogeneous & high-quality dialogue in a global company
- Further develop **structured offers for access to energy**

# A UNIQUE POSITIONING TO EMBRACE THE ENERGY TRANSITION

## A LOW CARBON ENERGY PORTFOLIO

- **Low CO<sub>2</sub> power generation mix & strong positions in renewables:** 84% low CO<sub>2</sub> emissions, 18% renewables<sup>(1)</sup>, #1 in solar & wind energy in France, present in many countries on every continent
- Strategic decision to **build no further coal-fired power plants**, leading to stop all projects which had not yet been firmly committed
- Leading energy company **supporting countries in their move towards the energy transition**
- Developing the **uses of natural gas** to replace more carbon emitting energies, including **biogas, retail LNG**
- **Energy efficiency solutions**, enabling customers **to achieve their own sustainability objectives**



## A STRONG FOCUS ON INNOVATION

- **Operational solutions:** smart offers, demand side management, smart grid systems, urban energy, energy storage, tidal energy
- **Promoting commercial offers integrating ESG competitive advantages**
- **ENGIE New Ventures:** investment fund of €100m

(1) At 100%, excluding pumped storage



# MAIN ACHIEVEMENTS IN SUSTAINABILITY: 2015 IN A NUTSHELL

- In April, ENGIE published the first **Integrated Report** among CAC40 companies, providing a comprehensive understanding of the Group's **value creation on the short & long term**



- In July, ENGIE became the French leader in the solar industry by **acquiring a 95% stake in Solairedirect**
- Moreover, ENGIE decided in October to **no longer build any new coal plants in future**

- In September, ENGIE has been **named to the Dow Jones Sustainability World & Europe Index**

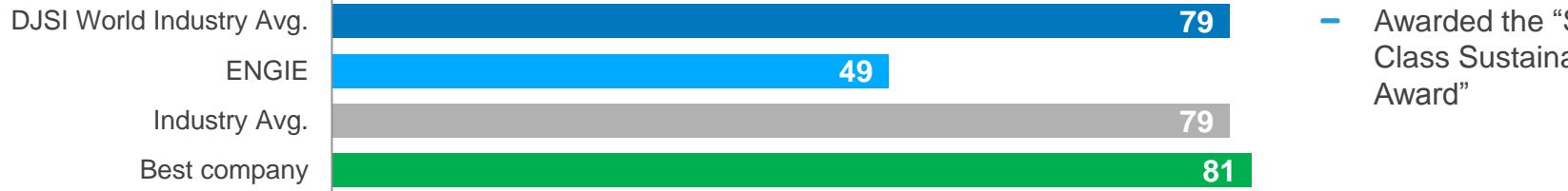
MEMBER OF  
**Dow Jones Sustainability Indices**  
In Collaboration with RobecoSAM

- All year long, ENGIE prepared the implementation of **its new Enterprise Project**, in which ESR plays a key role, with a priority to **stakeholder engagement**
- Call for a **global carbon pricing** and carbon markets improvements

# ENVIRONMENTAL AND SOCIETAL LAST RATINGS AND CERTIFICATIONS



## Total Score (2015)



- Performance: A- / A
- Disclosure: 100/100
- Listed in the CDPLi France Benelux index



- Performance: 58/100
- Listed in the Euronext Vigeo Europe 120, Eurozone 120 and France 20

## CERTIFICATIONS

- Relevant share of revenues covered by ISO 14001, EMAS<sup>(1)</sup>, other external EMS<sup>(2)</sup> certifications and internal EMS: **84.2%** (2015)

(1) Eco Management & Audit Scheme  
 (2) Environmental Management Scheme



# ENVIRONMENTAL AND SOCIAL TARGETS 2015 ALMOST ALL ACHIEVED

## Fighting against climate change

**Decrease in CO<sub>2</sub> specific emissions vs 2012**

**Selective development in renewables**

- 2.4 GW added in 2015

**New target RES for Europe x2 by 2025, from 8 to 16 GW<sup>(2)</sup>**

**€2.5bn Green Bond:** the highest corporate amount to date (projects eligibility based on Vigeo assessment) allocated at 69% at end 2015

## Addressing risks linked to climate change

- Support for a global carbon pricing and carbon markets improvements
- Promotion of innovative Climate friendly solutions
- Strong involvement in the COP21 and business dialogue (Paris 2015)

	2015	Targets
Decrease in CO <sub>2</sub> specific emissions vs 2012	0%	-10% (2020) <sup>(1)</sup>
Selective development in renewables	+60%	+50% (2015)

Installed capacity increase vs. 2009

**Health & Safety**  
frequency rate

**Biodiversity**  
% of sensitive sites in the EU with a biodiversity action plan

**Diversity**  
% of women in managerial staff

**Training**  
% of employees trained each year

**Employee shareholding**  
% of Group's capital held

	2015	Targets
Health & Safety frequency rate	3.6	4
Biodiversity % of sensitive sites in the EU with a biodiversity action plan	≈100% <sup>(3)</sup>	100%
Diversity % of women in managerial staff	22% <sup>(4)</sup>	25%
Training % of employees trained each year	66% <sup>(5)</sup>	66%
Employee shareholding % of Group's capital held	2.7% <sup>(6)</sup>	3%

**Publication of Integrated Report in 2015**  
**ENGIE integrated in the DJSI / RobecoSAM indices and in the Euronext Vigeo indices**

(1) Emission ratio per power and energy production: 434 kgCO<sub>2</sub>eq/MWh in 2014 vs 443 kgCO<sub>2</sub>eq/MWh in 2012 excluding SUEZ – Target under review

(2) At 100% 8 GW installed end H1 2014 in Europe, excluding Energy Services business line

(3) 98.3% of sites (176 sites) with a validated biodiversity action plan and 1.7% of sites (3 sites) with a biodiversity action plan in discussion

(4) Target not totally achieved even if there is a strong increase of the rate of recruitment of women in the whole Group (20% in 2014 and 25% in 2015)

(5) Target achieved without Cofely Workplace acquired in 2014, out of scope of the 2015 target and having not yet implemented the group's training policy. 64% with this entity

(6) Target achieved one year ahead in 2014, but slightly down in 2015 due to lack of employee shareholding plan offer

# ENGIE'S POSITION ON CLIMATE NEGOTIATIONS

- Allow **growth** and encourage all countries to take an **equitable share of the effort**
- Focus on **generalizing carbon pricing**, mainly through carbon markets. Visibility is key to drive the energy transition
- Implement comparable computation methodologies in addition to **transparent & reliable** systems to monitor, report, and check emission levels and emission reductions.
  - Key to build investors confidence and facilitate links between market tools
  - Systems have to correct imperfections and distortions that are unfavorable to emission-reducing investments
- Promote **appropriate funding mechanisms** to support low-carbon technologies
  - Green Bonds
  - Key role of the “Green Climate Fund” and multilateral development banks



**ENGIE welcomes the ambitious climate agreement reached in Paris**



# A STRONG MOMENTUM IN FAVOR OF CARBON PRICING



## 40 COUNTRIES, 20 REGIONS HAVE A PRICING REGULATION

- Covers 12% of World emissions

## THE MAGRITTE EUROPEAN POWER UTILITIES COALITION

- Call for a stronger price signal in the EU ETS

## ENGIE IS PART OF THE HIGH LEVEL CARBON PRICING PANEL CONSTITUTED BY THE WORLD BANK AND THE IMF, WITH:

- German Chancellor, Chilean President, French President, Ethiopian Prime Minister, Philippines President, Mexican President, Governor of California, Mayor of Rio de Janeiro
- Calpers (USA), Mahindra (India), Royal DSM (Netherlands)
- OECD

## COALITION TO DEPLOY CARBON PRICING ALONG WITH THE WORLD BANK

- Signatory of World Bank Declaration on Pricing Carbon at the United Nations Climate Leaders summit in NYC in Sept. 2014, and of the Carbon Pricing Leaders Global Compact Initiative
- Partner with IETA/Harvard proposing legal text allowing development of carbon market in the Paris Agreement
- Active with WBCSD, IEA, IDDRI, SDSN, in initiatives on Low carbon technologies, and access to energy

# TERRAWATT INITIATIVE: MASSIVE SOLAR SCALE-UP



## TERRAWATT INITIATIVE

- Global non-profit association working together with International Solar Alliance and its member states in establishing proper regulatory conditions for a massive deployment of competitive solar generation
- Calls for 1 terawatt (1,000 GW) of additional solar power capacity by 2030, representing an additional \$1 trillion in investments to finance solar power infrastructure

## IRENA AND TERRAWATT INITIATIVE

- Pledge to cooperate to establish proper conditions for the substantial deployment of competitive solar power generation
- Areas of possible future cooperation:
  - Reducing the cost of finance and cost of technology for immediate deployment of competitive solar generation assets
  - Supporting industrial capacities, through support for development and implementation of appropriate regulatory frameworks and innovative financial and risk mitigation instruments
  - Developing a systemic approach for the massive integration of renewables, solar in particular, in the energy systems at local, national and regional level
  - Paving the way for future solar generation energy storage and technology solutions adapted to each country's individual needs



# MATERIALITY MATRIX: A STRONG STAKEHOLDER DIALOGUE PROCESS

## OBJECTIVES

- Identify **priority** issues according to their **relevance both to ENGIE and its stakeholders**
- Cover environmental, social, societal, economic, financial and governance issues
- Fit in with ENGIE's approach to responsible performance
- **High convergence between the priorities for our stakeholders and those of the Group**

RELEVANCE FOR STAKEHOLDERS	RELEVANCE FOR THE GROUP
	<ul style="list-style-type: none"> <li>• Stakeholder dialogue</li> </ul>
	<ul style="list-style-type: none"> <li>• Access to energy</li> <li>• Responsible purchasing</li> <li>• Biodiversity</li> <li>• Regulatory compliance</li> <li>• Staff diversity</li> <li>• Human rights</li> <li>• Risk management</li> <li>• Taxation</li> <li>• Air pollution</li> <li>• Relations with political decision-makers</li> </ul>
<ul style="list-style-type: none"> <li>• Sponsorship</li> <li>• Other pollution (noise, landscape, odours, etc.)</li> </ul>	<ul style="list-style-type: none"> <li>• Group energy consumption</li> <li>• Rules of procedure of the Board</li> <li>• Water management</li> <li>• Waste management</li> <li>• Protection of personal data</li> </ul>



A photograph of several wind turbines standing in a field of green grass under a bright blue sky with wispy white clouds. The turbines have white towers and blades with blue and red accents.

# FINANCIAL APPENDICES 2015 RESULTS



# IMPACT OF WEATHER IN FRANCE

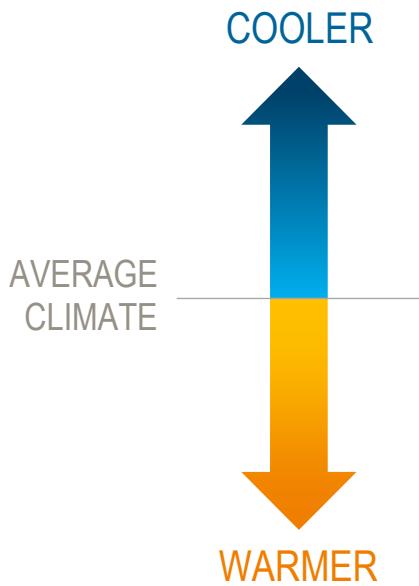


# FY2015 CLIMATE ADJUSTMENT IN FRANCE

## Impact on gas sales and distribution

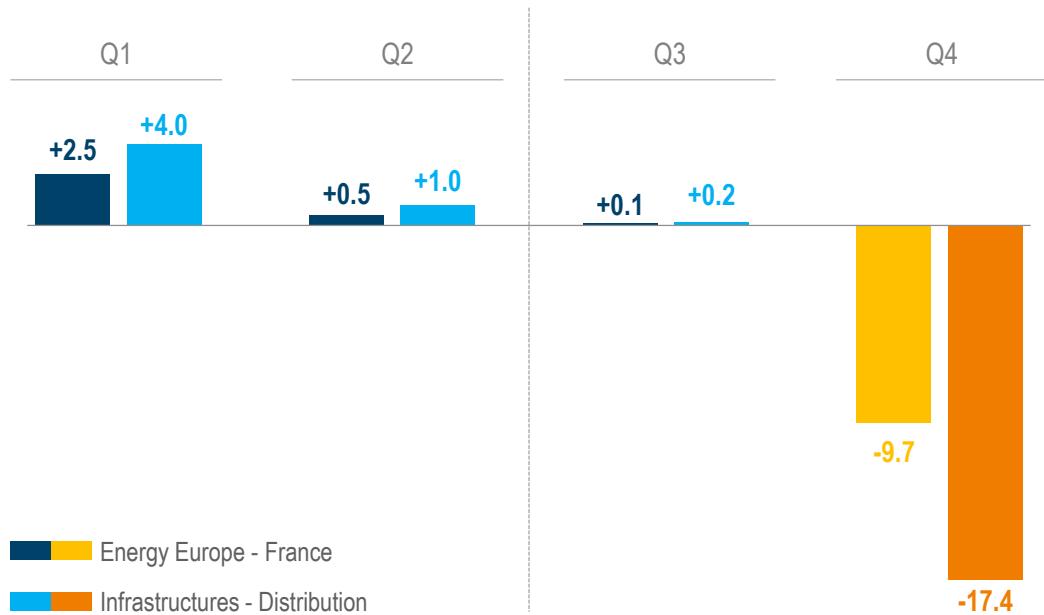
### SENSITIVITY

Energy Europe - France:  $\pm €10m$  EBITDA / TWh  
 Infrastructures - Distribution:  $\pm €5m$  EBITDA / TWh



2015

**Energy Europe - France: -6.6 TWh**  
**Infrastructures - Distribution: -12.2 TWh**



# IMPACT OF WEATHER IN FRANCE

	EBITDA			Net income <sup>(1)</sup>		
	2014	2015	△15/14	2014	2015	△15/14
Estimates, in €m						
<b>Energy Europe – France</b> Gas sales	-217	<b>-66</b>	+151	-135	<b>-41</b>	+94
<b>Infrastructures</b> Distribution	-160	<b>-61</b>	+99	-99	<b>-38</b>	+61
<b>Total weather adjustment</b>	<b>-377</b>	<b>-127</b>	<b>+250</b>	<b>-234</b>	<b>-79</b>	<b>+155</b>

(1) Impact on Net Income Group share and Net Recurring Income Group share, with a normative income tax

# CHANGE IN NUMBER OF SHARES, SCOPE & FOREX



## CHANGE IN NUMBER OF SHARES

Existing shares at 12/31/2014 2,435,285,011

Capital increase -

Existing shares at 12/31/2015 2,435,285,011

Average number of shares<sup>(1)</sup> 2,392 millions

Recurring EPS as at 12/31/2015 €1.08

vs €1.15 in 2014

Recurring EPS post hybrids coupons as at 12/31/2015 €1.02

vs €1.12 in 2014

(1) Undiluted, excluding treasury stock



# MAIN CHANGES IN CONSOLIDATION SCOPE

## ACQUISITIONS

### **Ecova – USA (Energy Services)**

Full consolidation since 6/30/2014

### **Lahmayer – Germany (Energy Services)**

Full consolidation since 12/31/2014

### **Cofely FM Ltd – UK (Energy Services)**

Full consolidation since 7/1/2014

### **Keppel FMO Ltd – Singapore (Energy Services)**

Full consolidation since 12/01/2014

### **Solaire Direct – France**

Full consolidation since 9/3/2015

## CHANGES IN METHOD

### **GTT – France (Global Gas & LNG)**

Equity method until 3/02/2014

Full consolidation since 3/03/2014

### **Walloon Intermunicipalities – Belgium (Energy Europe)**

Equity method (25%) until 6/26/2014

Available for sale financial assets since 6/27/2014

## DISPOSALS

### **ISAB Energy – Italy (Energy International)**

Equity consolidation (49%) until 6/16/2014

### **Panama – Costa Rica (Energy International)**

Full consolidation until 8/14/2014

Held for sale since 8/15/2014 until 12/02/2014

### **Enerci – Ivory Coast (Global Gas & LNG)**

Full consolidation until 12/1/2014

### **US merchant activities (Energy International)**

Full consolidation until 12/15/2015

Held for sale since 12/16/2015

## PARTIAL DISPOSALS

### **ESBR Jirau – Brazil (Energy International)**

Equity consolidation (40%) since 1/16/2014

### **Futures Energies Investissement Holding – France (Energy Europe)**

Equity consolidation (50%) since 4/29/2014

# IMPACT OF FOREIGN EXCHANGE EVOLUTION

In €m Δ 15/14	GBP	USD	BRL	THB	Others	TOTAL
REVENUES	+430	+1,758	-348	+136	-7	+1,969
EBITDA	+48	+416	-131	+34	-68	+299
COI after share in net income of entities accounted for using the equity method	+11	+322	-104	+23	-38	+214
TOTAL NET DEBT	+83	+483	-85	+18	+13	+512
TOTAL EQUITY	+52	+1,525	-743	+37	+32	+903

	GBP	USD	BRL	THB
<b>2015 average rate</b>	<b>1.38</b>	<b>0.90</b>	<b>0.27</b>	<b>0.026</b>
2014 average rate	1.24	0.75	0.32	0.023
Δ Average rate	+11.1%	+19.7%	-15.6%	+13.1%
<b>Closing rate at 12/31/2015</b>	<b>1.36</b>	<b>0.92</b>	<b>0.24</b>	<b>0.025</b>
Closing rate at 12/31/2014	1.28	0.82	0.31	0.025
Δ Closing rate	+6.1%	+11.5%	-24.1%	+1.5%

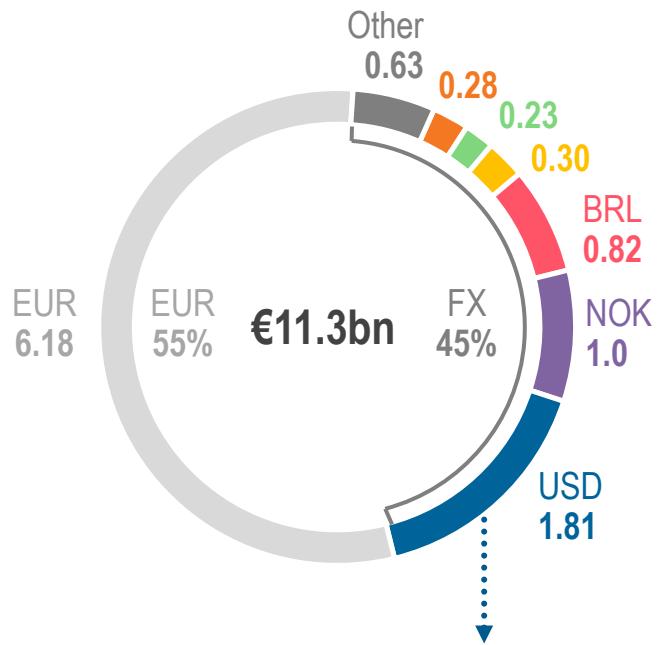
The average rate applies  
to the income statement  
and to the cash flow statement

The closing rate applies  
to the balance sheet

# 2015 EBITDA / COI BREAKDOWN BY CURRENCY

## EBITDA 2015

Amount in EUR after translation (average rate)



### **o/w ENERGY INTERNATIONAL**

breakdown by area



(1) After share in net income of entities accounted for using the equity method

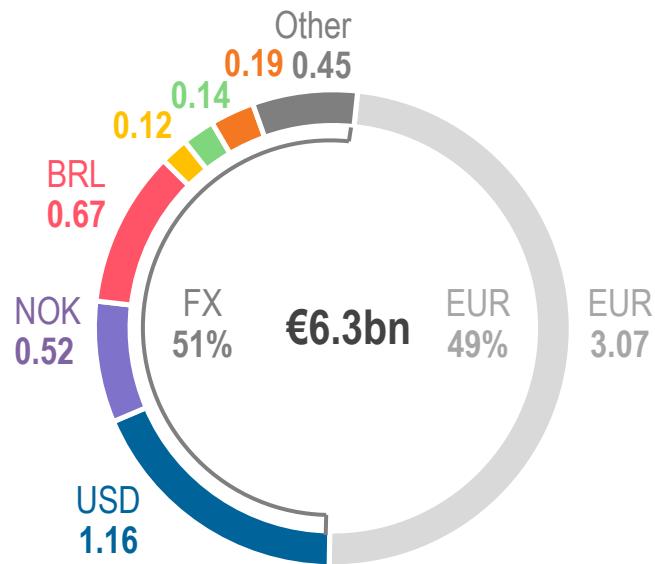
## FX vs. EUR

Average 2015

THB/EUR	0.026
AUD/EUR	0.68
GBP/EUR	1.38
BRL/EUR	0.27
NOK/EUR	0.11
USD/EUR	0.90

## COI<sup>(1)</sup> 2015

Amount in EUR after translation (average rate)



# BALANCE SHEET, P/L & CASH FLOW STATEMENT

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# SUMMARY STATEMENTS OF FINANCIAL POSITION

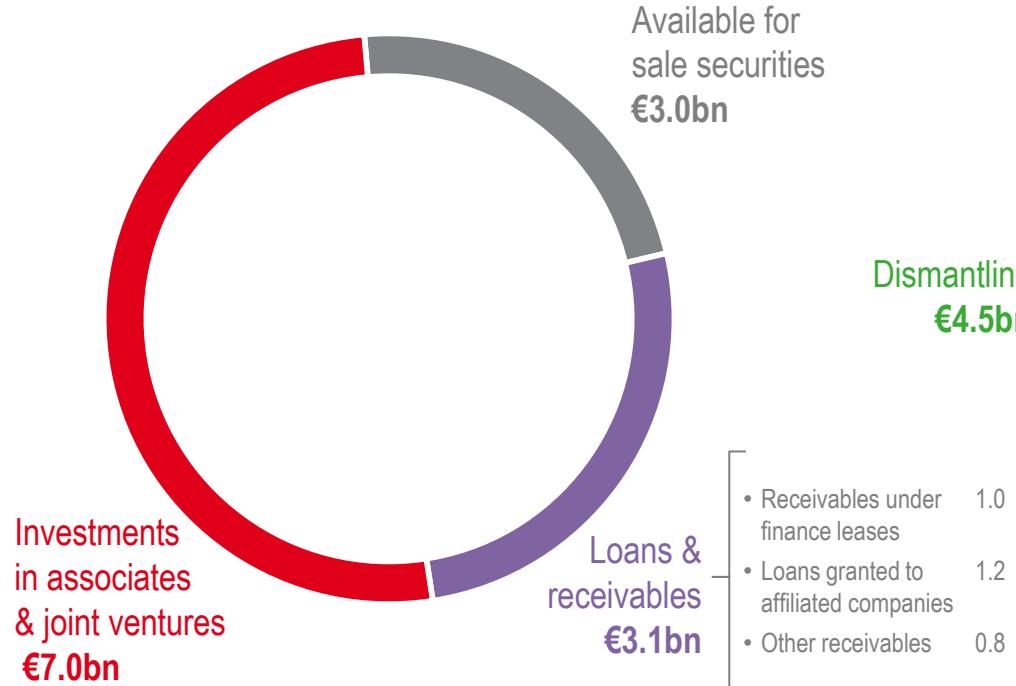
In €bn

<b>ASSETS</b>	12/31/2014 <sup>(1)</sup>	<b>12/31/2015</b>	<b>LIABILITIES</b>	12/31/2014 <sup>(1)</sup>	<b>12/31/2015</b>
<b>NON CURRENT ASSETS</b>	<b>110.0</b>	<b>101.2</b>	Equity, Group share	49.5	43.1
<b>CURRENT ASSETS</b>	<b>55.3</b>	<b>59.5</b>	Non-controlling interests	6.4	5.7
of which financial assets valued at fair value through profit/loss	1.5	1.2	<b>TOTAL EQUITY</b>	<b>56.0</b>	<b>48.8</b>
of which cash & equivalents	8.5	9.2	Provisions	18.5	18.8
<b>TOTAL ASSETS</b>	<b>165.3</b>	<b>160.7</b>	Financial debt	38.3	39.2
			Other liabilities	52.5	53.9
			<b>TOTAL LIABILITIES</b>	<b>165.3</b>	<b>160.7</b>

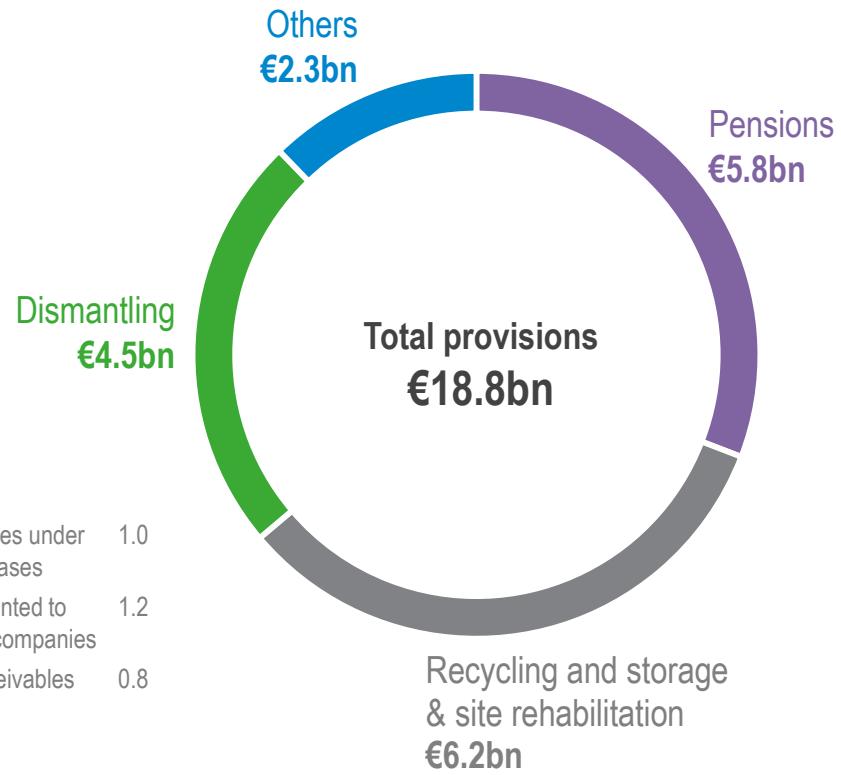
2015 Net Debt €27.7bn = Financial debt of €39.2bn – Cash & equivalents of €9.2bn – Financial assets valued at fair value through profit/loss of €1.2bn – Assets related to financing of €0.0bn (incl. in non-current assets) – Derivative instruments hedging items included in the debt of -€1.1bn  
(1) The comparative figures as of December 31<sup>st</sup>, 2014 were restated post IFRIC 21

# DETAILS OF SOME ASSETS AND PROVISIONS

## DETAILS OF SOME ASSETS AS OF 12/31/2015



## PROVISIONS AS OF 12/31/2015



# SUMMARY INCOME STATEMENT

	In €m	2014 <sup>(1)</sup>	2015
<b>REVENUES</b>		<b>74,686</b>	<b>69,883</b>
Purchases		-44,160	-39,308
Personnel costs		-9,779	-10,168
Amortization depreciation and provisions		-4,797	-5,007
Other operating incomes and expenses		-9,235	-9,546
Share in net income of entities accounted for using the equity method		441	473
<b>CURRENT OPERATING INCOME after share in net income of entities accounted for using the equity method</b>		<b>7,156</b>	<b>6,326</b>
MtM, impairment, restructuring, disposals and others		-587	-9,568
<b>INCOME FROM OPERATING ACTIVITIES</b>		<b>6,569</b>	<b>-3,242</b>
Financial result		-1,876	-1,547
<i>of which recurring cost of net debt</i>		-918	-831
<i>of which non recurring items included in financial income / loss</i>		-448	-232
<i>of which others</i>		-510	-484
Income tax		-1,586	-324
<i>of which current income tax</i>		-1,918	-1,348
<i>of which deferred income tax</i>		332	1,024
Non-controlling interests		-669	496
<b>NET INCOME GROUP SHARE</b>		<b>2,437</b>	<b>-4,617</b>
<b>EBITDA</b>		<b>12,133</b>	<b>11,262</b>

(1) The comparative figures as of December 31<sup>st</sup>, 2014 were restated post IFRIC 21

# SUMMARY RECURRING INCOME STATEMENT

	In €m	2014 <sup>(1)</sup>	2015
<b>EBITDA</b>		<b>12,133</b>	<b>11,262</b>
<i>of which share in net income of entities accounted for using the equity method</i>		441	473
Depreciation Amortization and others		-4,977	-4,936
<b>CURRENT OPERATING INCOME after share in net income of entities accounted for using the equity method</b>		<b>7,156</b>	<b>6,326</b>
Financial result		-1,428	-1,314
<i>of which recurring cost of net debt</i>		-918	-831
<i>of which others</i>		-510	-484
Income tax		-2,245	-1,773
<i>of which nuclear contribution</i>		-397	-166
<i>of which others</i>		-1,848	-1,607
Adjustment for non-recurring share in net income of entities accounted for using the equity method		2	12
Non-controlling interests		-760	-663
<b>NET RECURRING INCOME GROUP SHARE</b>		<b>2,725</b>	<b>2,588</b>

(1) The comparative figures as of December 31<sup>st</sup>, 2014 were restated post IFRIC 21

# CASH FLOW STATEMENT

		2014 <sup>(1)</sup>	2015
	In €m		
Gross cash flow before financial loss and income tax		11,771	10,942
Income tax paid (excl. income tax paid on disposals)		-1,805	-1,722
Change in operating working capital		-1,216	1,163
<b>CASH FLOW FROM OPERATING ACTIVITIES</b>		<b>8,751</b>	<b>10,383</b>
Net tangible and intangible investments		-5,790	-6,459
Financial investments		-984	-752
Disposals and other investment flows		2,835	981
<b>CASH FLOW FROM INVESTMENT ACTIVITIES</b>		<b>-3,939</b>	<b>-6,230</b>
Dividends paid		-3,720	-3,107
Share buy back		136	1
Balance of reimbursement of debt / new debt		-1,361	988
Net interests paid on financial activities		-979	-792
Capital increase / hybrid issues		2,362	21
Other cash flows		-1,412	-406
<b>CASH FLOW FROM FINANCIAL ACTIVITIES</b>		<b>-4,973</b>	<b>-3,295</b>
Impact of currency and other		1	-221
<b>CASH AND CASH EQUIVALENTS AT THE BEGINNING OF THE PERIOD</b>		<b>8,706</b>	<b>8,546</b>
<b>TOTAL CASH FLOWS FOR THE PERIOD</b>		<b>-160</b>	<b>637</b>
<b>CASH AND CASH EQUIVALENTS AT THE END OF THE PERIOD</b>		<b>8,546</b>	<b>9,183</b>

(1) The comparative figures as of December 31<sup>st</sup>, 2014 were restated post IFRIC 21

# PROFIT & LOSS DETAILS



# BREAKDOWN OF REVENUES

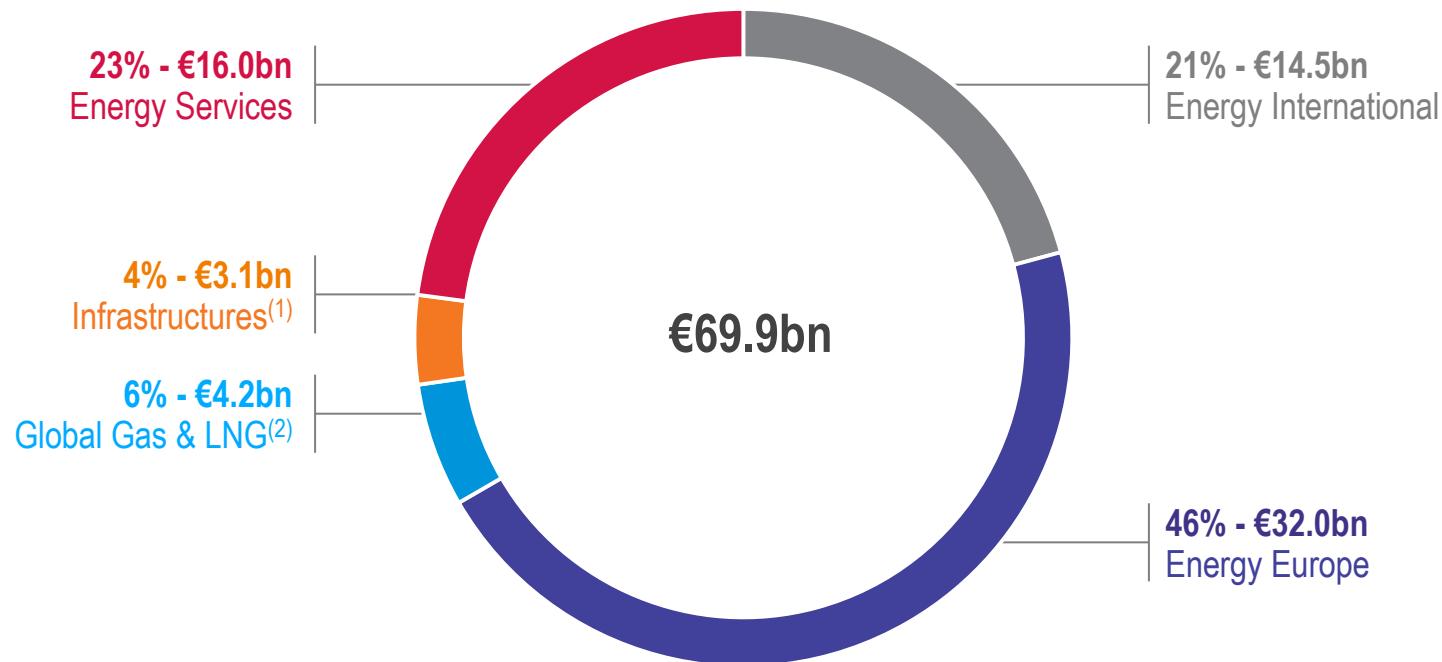
	In €m	2014 <sup>(1)</sup>	2015	△ 15/14	△ Organic
<b>ENERGY INTERNATIONAL</b>		<b>13,977</b>	<b>14,534</b>	+4.0%	-3.8%
<i>of which Latin America</i>		3,818	3,683	-3.5%	+3.5%
<i>of which Asia-Pacific</i>		2,740	2,684	-2.0%	-10.6%
<i>of which North America</i>		3,782	4,450	+17.6%	-0.0%
<i>of which UK-Turkey</i>		2,957	2,872	-2.9%	-13.1%
<i>of which South Asia, Middle East &amp; Africa</i>		679	846	+24.5%	+5.6%
<b>ENERGY EUROPE</b>		<b>35,158</b>	<b>32,011</b>	-9.0%	-8.8%
<i>of which Central Western Europe</i>		29,285	26,859	-8.3%	-8.1%
<i>of which France</i>		13,698	12,494	-8.8%	-7.2%
<i>of which Benelux &amp; Germany</i>		9,964	9,620	-3.5%	-5.3%
<i>of which Southern &amp; Eastern Europe</i>		5,873	5,143	-12.4%	-12.2%
<b>GLOBAL GAS &amp; LNG<sup>(2)</sup></b>		<b>6,883</b>	<b>4,246</b>	-38.3%	-42.0%
<b>INFRASTRUCTURES<sup>(3)</sup></b>		<b>2,994</b>	<b>3,055</b>	+2.0%	+2.0%
<b>ENERGY SERVICES</b>		<b>15,673</b>	<b>16,001</b>	+2.1%	-0.4%
<b>TOTAL</b>		<b>74,686</b>	<b>69,883</b>	<b>-6.4%</b>	<b>-8.8%</b>

(1) The comparative figures as of December 31<sup>st</sup>, 2014 were restated post IFRIC 21

(2) Total revenues, including inter-companies, amount to €5,993m in 2015 and €9,551m in 2014

(3) Total revenues, including inter-companies, amount to €6,608m in 2015 and €6,812m in 2014

# BREAKDOWN OF REVENUES BY BUSINESS LINE



(1) Total revenues, including inter-companies, amount to €6.6bn

(2) Total revenues, including inter-companies, amount to €6.0bn

# REVENUES BY GEOGRAPHIC REGION BY DESTINATION

	2014 <sup>(1)</sup>	2015	△ 15/14
In €m			
France	27,834	25,066	-9.9%
Belgium	8,525	9,067	+6.4%
<b>SUB-TOTAL FRANCE-BELGIUM</b>	<b>36,359</b>	<b>34,133</b>	<b>-6.1%</b>
<i>Other EU countries</i>	<b>20,516</b>	<b>18,507</b>	<b>-9.8%</b>
<i>of which Italy</i>	4,883	3,892	-20.3%
<i>of which UK</i>	5,052	4,633	-8.3%
<i>of which Germany</i>	2,848	3,171	+11.3%
<i>of which Netherlands</i>	3,905	3,776	-3.3%
<i>Other European countries</i>	<b>1,832</b>	<b>2,103</b>	<b>+14.8%</b>
<b>SUB-TOTAL EUROPE</b>	<b>58,707</b>	<b>54,743</b>	<b>-6.8%</b>
North America	3,829	4,592	+19.9%
<b>SUB-TOTAL EUROPE &amp; NORTH AMERICA</b>	<b>62,536</b>	<b>59,336</b>	<b>-5.1%</b>
Asia, Middle East and Oceania	7,404	6,165	-16.7%
South America	4,302	4,076	-5.2%
Africa	444	306	-31.0%
<b>TOTAL</b>	<b>74,686</b>	<b>69,883</b>	<b>-6.4%</b>

(1) The comparative figures as of December 31<sup>st</sup>, 2014 were restated post IFRIC 21



# BREAKDOWN OF EBITDA

In €m	2014 <sup>(1)</sup>	2015	△ 15/14	△ Organic
<b>ENERGY INTERNATIONAL<sup>(2)</sup></b>	<b>3,716</b>	<b>3,589</b>	-3.4%	-6.8%
<i>of which Latin America</i>	1,343	1,439	+7.1%	+12.3%
<i>of which Asia-Pacific</i>	857	803	-6.2%	-15.3%
<i>of which North America</i>	956	751	-21.5%	-23.0%
<i>of which UK-Turkey</i>	380	341	-10.0%	-17.5%
<i>of which South Asia, Middle East &amp; Africa</i>	298	371	+24.7%	+5.6%
<b>ENERGY EUROPE<sup>(3)</sup></b>	<b>2,015</b>	<b>1,612</b>	-20.0%	-18.6%
<b><i>of which Central Western Europe</i></b>	<b>1,602</b>	<b>1,536</b>	-4.1%	-3.4%
<i>of which France</i>	627	624	-0.6%	+27.4%
<i>of which Benelux &amp; Germany</i>	497	611	+22.9%	+7.0%
<b><i>of which Southern &amp; Eastern Europe</i></b>	<b>585</b>	<b>293</b>	-50.0%	-49.6%
<b>GLOBAL GAS &amp; LNG</b>	<b>2,225</b>	<b>1,625</b>	-27.0%	-30.5%
<b>INFRASTRUCTURES</b>	<b>3,274</b>	<b>3,402</b>	+3.9%	+3.9%
<b>ENERGY SERVICES</b>	<b>1,127</b>	<b>1,227</b>	+8.9%	+3.9%
<b>OTHERS</b>	<b>-225</b>	<b>-194</b>	+13.8%	+17.7%
<b>TOTAL</b>	<b>12,133</b>	<b>11,262</b>	<b>-7.2%</b>	<b>-9.1%</b>

(1) The comparative figures as of December 31<sup>st</sup>, 2014 were restated post IFRIC 21

(2) Of which Others -€116m in 2015 and -€117m in 2014

(3) Of which Others -€217m in 2015 and -€172m in 2014

# 2015 EBITDA BREAKDOWN

## RESILIENT BUSINESS PORTFOLIO

~30%  
MERCHANT

**Power generation**  
in Continental Europe,  
UK, North America,  
Australia, Singapore

**E&P**  
**LNG Supply and sales**  
**Gas storage** in France  
(merchant contribution)

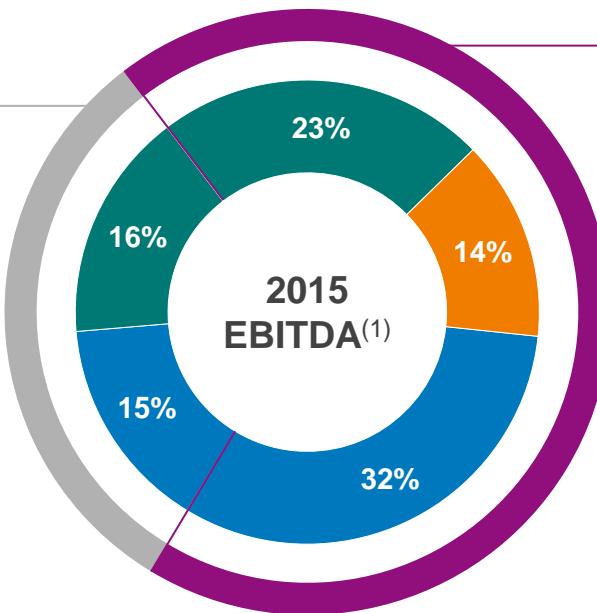
~70%  
CONTRACTED/REGULATED

**Infrastructures** with guaranteed  
returns

**Gas storage** in France (baseload  
contribution) and long term contracts  
in Germany

**Power generation** (PPA contracts)  
in Latin America, South Asia  
Middle-East Africa and Asia

**Energy Services**  
**Power and gas sales**



● Low CO<sub>2</sub> power generation ● Gas infrastructures ● Customer solutions

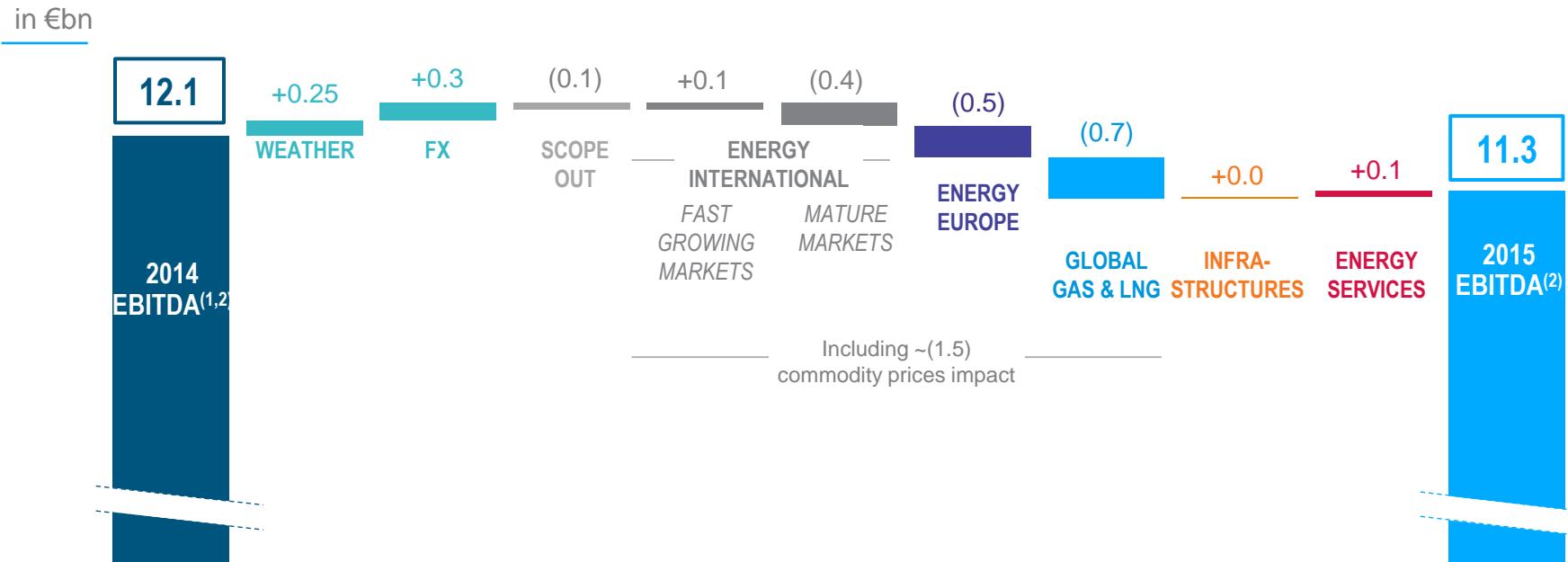
(1) Excluding Others

FY 2015 RESULTS

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# EBITDA EVOLUTION

FINANCIAL APPENDICES

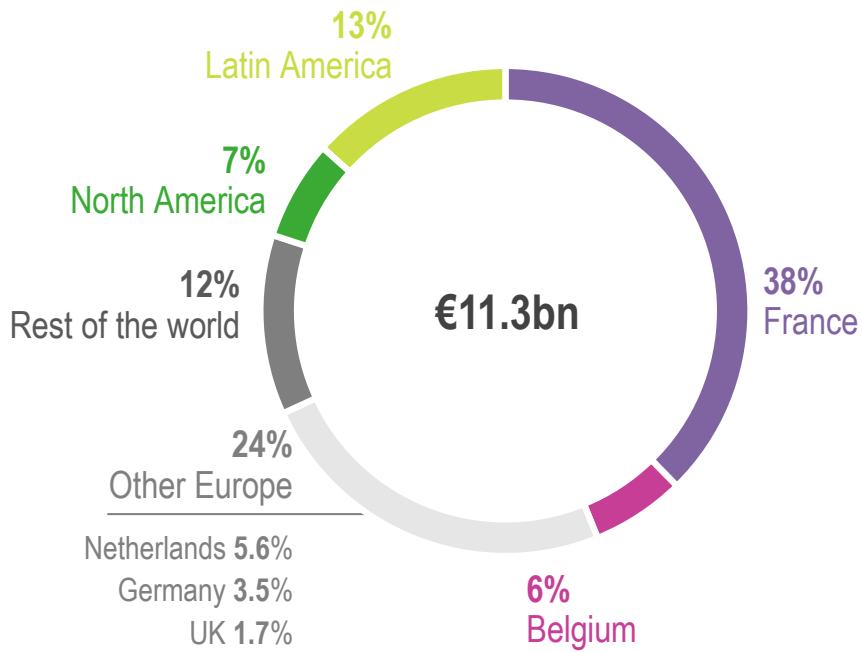


(1) The comparative figures as of December 31<sup>st</sup>, 2014 were restated post IFRIC 21

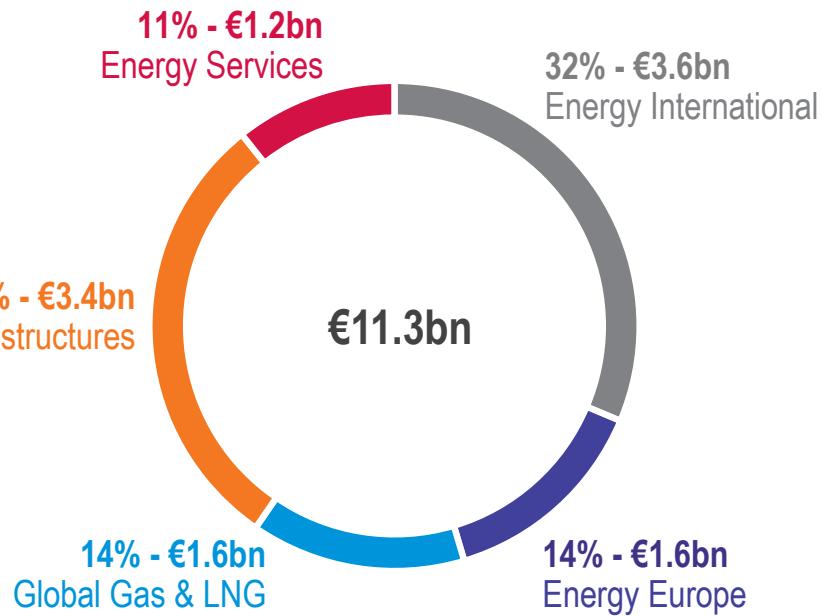
(2) Including Others -€0.2bn in 2015 and -€0.2bn in 2014

# BREAKDOWN OF 2015 EBITDA

## GEOGRAPHIC BREAKDOWN<sup>(1)</sup>



## BREAKDOWN BY BUSINESS LINE<sup>(2)</sup>



(1) By origin

(2) Including Others: -€194m

# BREAKDOWN OF SHARE IN NET INCOME OF ENTITIES ACCOUNTED FOR USING EQUITY METHOD

	<i>In €m</i>	2014 <sup>(1)</sup>	2015
<b>ENERGY INTERNATIONAL</b>		<b>204</b>	<b>310</b>
<i>of which Latin America</i>		-165	-76
<i>of which Asia-Pacific</i>		89	89
<i>of which North America</i>		136	89
<i>of which UK-Turkey</i>		18	20
<i>of which South Asia, Middle East &amp; Africa</i>		125	189
<b>ENERGY EUROPE</b>		<b>76</b>	<b>-43</b>
<i>of which Central Western Europe</i>		18	7
<i>of which Southern &amp; Eastern Europe</i>		65	-14
<b>GLOBAL GAS &amp; LNG</b>		<b>31</b>	<b>18</b>
<b>INFRASTRUCTURES</b>		<b>12</b>	<b>7</b>
<b>ENERGY SERVICES</b>		<b>1</b>	<b>24</b>
<b>OTHERS<sup>(2)</sup></b>		<b>118</b>	<b>157</b>
<b>TOTAL SHARE IN NET INCOME OF ASSOCIATES</b>		<b>441</b>	<b>473</b>

(1) The comparative figures as of December 31, 2014 were restated post IFRIC 21

(2) Including share in net income of SUEZ

# BREAKDOWN OF PROVISIONS INCLUDED IN EBITDA

	In €m	2014 <sup>(1)</sup>	2015
<b>ENERGY INTERNATIONAL</b>		<b>45</b>	<b>-19</b>
<i>of which Latin America</i>		13	-14
<i>of which Asia-Pacific</i>		-23	-20
<i>of which North America</i>		-2	-40
<i>of which UK-Turkey</i>		12	41
<i>of which South Asia, Middle East &amp; Africa</i>		9	-5
<b>ENERGY EUROPE</b>		<b>60</b>	<b>-96</b>
<i>of which Central Western Europe</i>		65	-126
<i>of which Southern &amp; Eastern Europe</i>		-5	29
<b>GLOBAL GAS &amp; LNG</b>		<b>87</b>	<b>9</b>
<b>INFRASTRUCTURES</b>		<b>-5</b>	<b>49</b>
<b>ENERGY SERVICES</b>		<b>28</b>	<b>32</b>
<b>OTHERS</b>		<b>53</b>	<b>45</b>
<b>TOTAL PROVISIONS</b>		<b>267</b>	<b>20</b>

(1) The comparative figures as of December 31<sup>st</sup>, 2014 were restated post IFRIC 21

# BREAKDOWN OF CURRENT OPERATING INCOME

After share in net income of entities accounted for using the equity method

In €m	2014 <sup>(1)</sup>	2015	△ 15/14	△ Organic
<b>ENERGY INTERNATIONAL<sup>(2)</sup></b>	<b>2,745</b>	<b>2,596</b>	-5.4%	-7.9%
<i>of which Latin America</i>	982	1,084	+10.4%	+16.1%
<i>of which Asia-Pacific</i>	638	585	-8.4%	-18.1%
<i>of which North America</i>	688	437	-36.5%	-33.5%
<i>of which UK-Turkey</i>	271	259	-4.5%	-12.9%
<i>of which South Asia, Middle East &amp; Africa</i>	286	355	+24.1%	+4.9%
<b>ENERGY EUROPE<sup>(3)</sup></b>	<b>908</b>	<b>587</b>	-35.3%	-33.2%
<i>of which Central Western Europe</i>	692	718	+3.8%	+4.3%
<i>of which France</i>	247	265	+7.4%	+61.6%
<i>of which Benelux &amp; Germany</i>	27	182	N/A	N/A
<i>of which Southern &amp; Eastern Europe</i>	390	97	-75.2%	-74.3%
<b>GLOBAL GAS &amp; LNG</b>	<b>1,064</b>	<b>535</b>	-49.7%	-54.6%
<b>INFRASTRUCTURES</b>	<b>1,994</b>	<b>2,072</b>	+3.9%	+4.0%
<b>ENERGY SERVICES</b>	<b>791</b>	<b>854</b>	+7.9%	+2.4%
<b>OTHERS</b>	<b>-346</b>	<b>-319</b>	+7.9%	+12.2%
<b>TOTAL</b>	<b>7,156</b>	<b>6,326</b>	<b>-11.6%</b>	<b>-13.8%</b>

(1) The comparative figures as of December 31<sup>st</sup>, 2014 were restated post IFRIC 21

(2) Of which Others -€123m in 2015 and -€120m in 2014

(3) Of which Others -€228m in 2015 and -€174m in 2014

# DIVISIONAL RECONCILIATION BETWEEN EBITDA AND COI

After share in net income of entities accounted for using the equity method

In €m	Energy International	Energy Europe	Global Gas & LNG	Infrastructures	Energy Services	Others	2015
<b>EBITDA</b>	3,589	1,612	1,625	3,402	1,227	-194	<b>11,262</b>
Depreciation	-989	-1,019	-944	-1,328	-369	-90	<b>-4,740</b>
Share based payments	-4	-5	-1	-2	-4	-35	<b>-50</b>
Previously capitalized amounts expensed in the period – E&P	-	-	-145	-	-	-	<b>-145</b>
<b>COI after share in net income of entities accounted for using the equity method</b>	2,596	587	535	2,072	854	-319	<b>6,326</b>

# DIVISIONAL RECONCILIATION BETWEEN EBITDA AND COI

After share in net income of entities accounted for using the equity method  
 Energy International details

In €m	Latin America	Asia-Pacific	North America	UK-Turkey	South Asia, Middle East & Africa	2015 <sup>(1)</sup> Energy International
<b>EBITDA</b>	1,439	803	751	341	371	<b>3,589</b>
Depreciation	-355	-219	-314	-83	-16	<b>-989</b>
Share based payments	-	-	-	-	-	<b>-4</b>
<b>COI after share in net income of entities accounted for using the equity method</b>	1,084	585	437	259	355	<b>2,596</b>

(1) Of which Others: EBITDA -€116m, Depreciation -€3m, Share based payment -€4m, Current Operating Income -€123m

# DIVISIONAL RECONCILIATION BETWEEN EBITDA AND COI

After share in net income of entities accounted for using the equity method  
 Energy Europe details

	Central Western Europe			Southern & Eastern Europe	2015 <sup>(1)</sup> Energy Europe
In €m	of which France	of which Benelux & Germany	Total		
EBITDA	624	611	1,536	293	1,612
Depreciation	-359	-428	-815	-196	-1,019
Share based payments	-	-	-3	-	-5
<b>COI after share in net income of entities accounted for using the equity method</b>	<b>265</b>	<b>182</b>	<b>718</b>	<b>97</b>	<b>587</b>

(1) Of which Others: EBITDA -€217m, Depreciation -€8m, Share based payments -€3m, Current Operating Income -€228m

# FROM COI AFTER SHARE IN NET INCOME OF ENTITIES ACCOUNTED FOR USING THE EQUITY METHOD TO NET INCOME GROUP SHARE

<i>In €m</i>	2014 <sup>(1)</sup>	2015
<b>COI after share in net income of entities accounted for using the equity method</b>	<b>7,156</b>	<b>6,326</b>
MtM	-298	-261
Impairment	-1,037	-8,748
Restructuring costs	-167	-265
Asset disposals & others	915	-294
<b>INCOME FROM OPERATING ACTIVITIES</b>	<b>6,569</b>	<b>-3,242</b>
Financial result	-1,876	-1,547
Income tax	-1,586	-324
Non-controlling interests	-669	496
<b>NET INCOME GROUP SHARE</b>	<b>2,437</b>	<b>-4,617</b>

(1) The comparative figures as of December 31<sup>st</sup>, 2014 were restated post IFRIC 21

## BREAKDOWN OF NON-CONTROLLING INTERESTS

	<i>In €m</i>	2014 <sup>(1)</sup>	2015
ENERGY INTERNATIONAL		367	-80
ENERGY EUROPE		74	74
GLOBAL GAS & LNG		99	-618
INFRASTRUCTURES		106	102
ENERGY SERVICES		26	26
OTHERS		-2	-
<b>Non-controlling interests</b>		<b>669</b>	<b>-496</b>

(1) The comparative figures as of December 31<sup>st</sup>, 2014 were restated post IFRIC 21

# RECONCILIATION BETWEEN EBITDA AND OPERATING CASH FLOW

	<i>In €m</i>	2014 <sup>(1)</sup>	2015
<b>EBITDA</b>		<b>12,133</b>	<b>11,262</b>
<i>Restructuring costs cashed out</i>		-167	-270
<i>Provisions</i>		-280	-83
<i>Share in net income of entities accounted for using the equity method</i>		-441	-473
<i>Dividends and others</i>		526	506
<b>Cash generated from operations before income tax and working capital requirements</b>		<b>11,771</b>	<b>10,942</b>

(1) The comparative figures as of December 31<sup>st</sup>, 2014 were restated post IFRIC 21



# NET RECURRING INCOME GROUP SHARE

	<i>In €m</i>	2014 <sup>(1)</sup>	2015
<b>NET INCOME GROUP SHARE</b>		<b>2,437</b>	<b>-4,617</b>
MtM commodities		298	261
Impairment		1,037	8,748
Restructuring costs		167	265
Asset disposals & others		-915	294
Financial result (non-recurring items)		448	232
Share in net income of entities accounted for using the equity method (non-recurring items)		2	12
Income tax on non recurring items		-659	-1,110
Differed income tax in Luxembourg		0	-338
Non-controlling interests on above items		-91	-1,159
<b>NET RECURRING INCOME GROUP SHARE<sup>(2)</sup></b>		<b>2,725</b>	<b>2,588</b>

(1) The comparative figures as of December 31<sup>st</sup>, 2014 were restated post IFRIC 21

(2) Post-integration of the expense related to the nuclear contribution following the agreement between the Belgium State, ENGIE and Electrabel on November 30<sup>th</sup>, 2015

# TAX POSITION

	<i>In €m</i>	2014 <sup>(1)</sup>	2015
Consolidated income before tax and share in entities accounted for using the equity method		4,251	-5,261
Consolidated income tax		1,586	324
Effective tax rate		37.3%	-6.2%
Recurrent effective tax rate		42.5%	39.0%

(1) The comparative figures as of December 31<sup>st</sup>, 2014 were restated post IFRIC 21

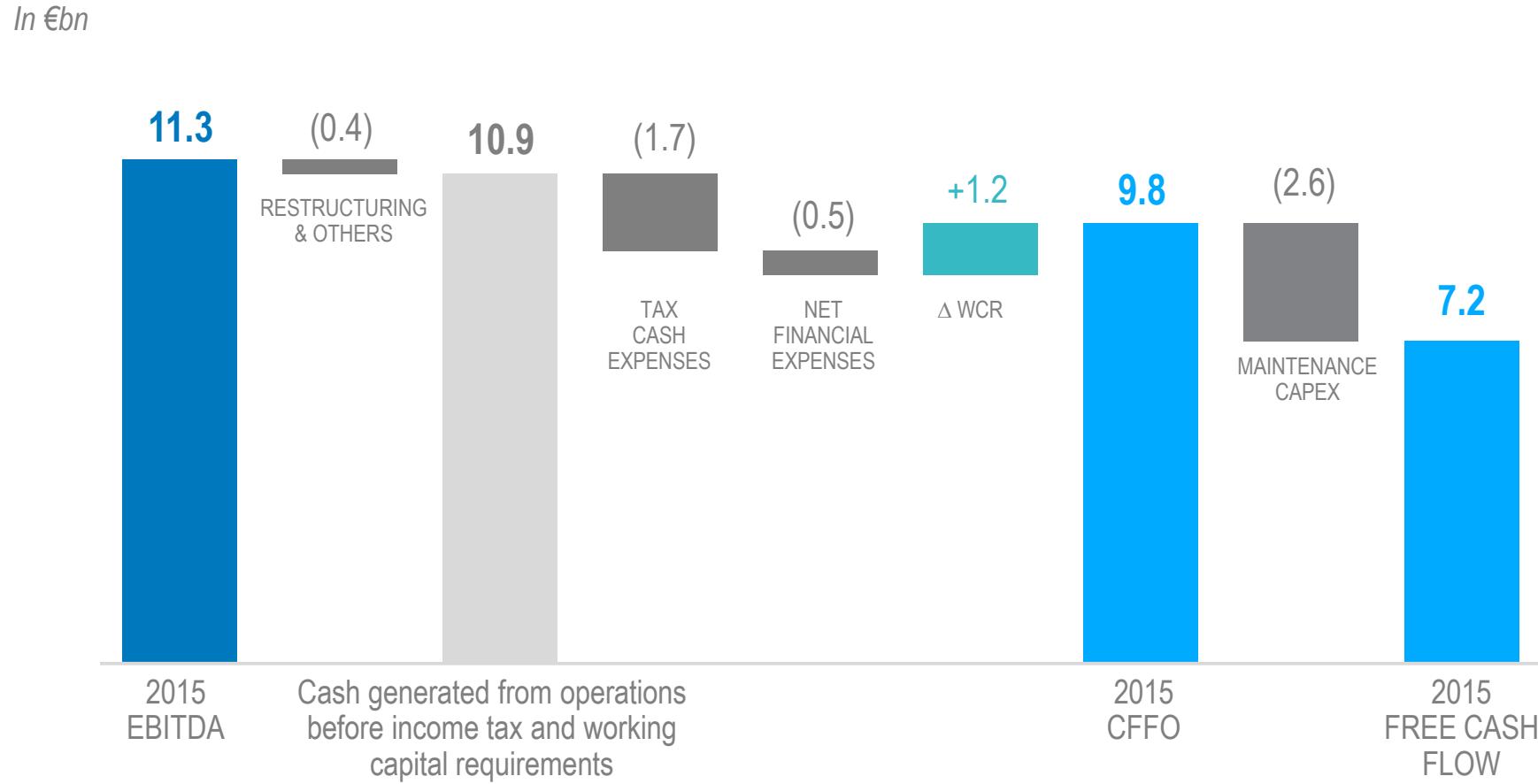


# CASH FLOW DETAILS



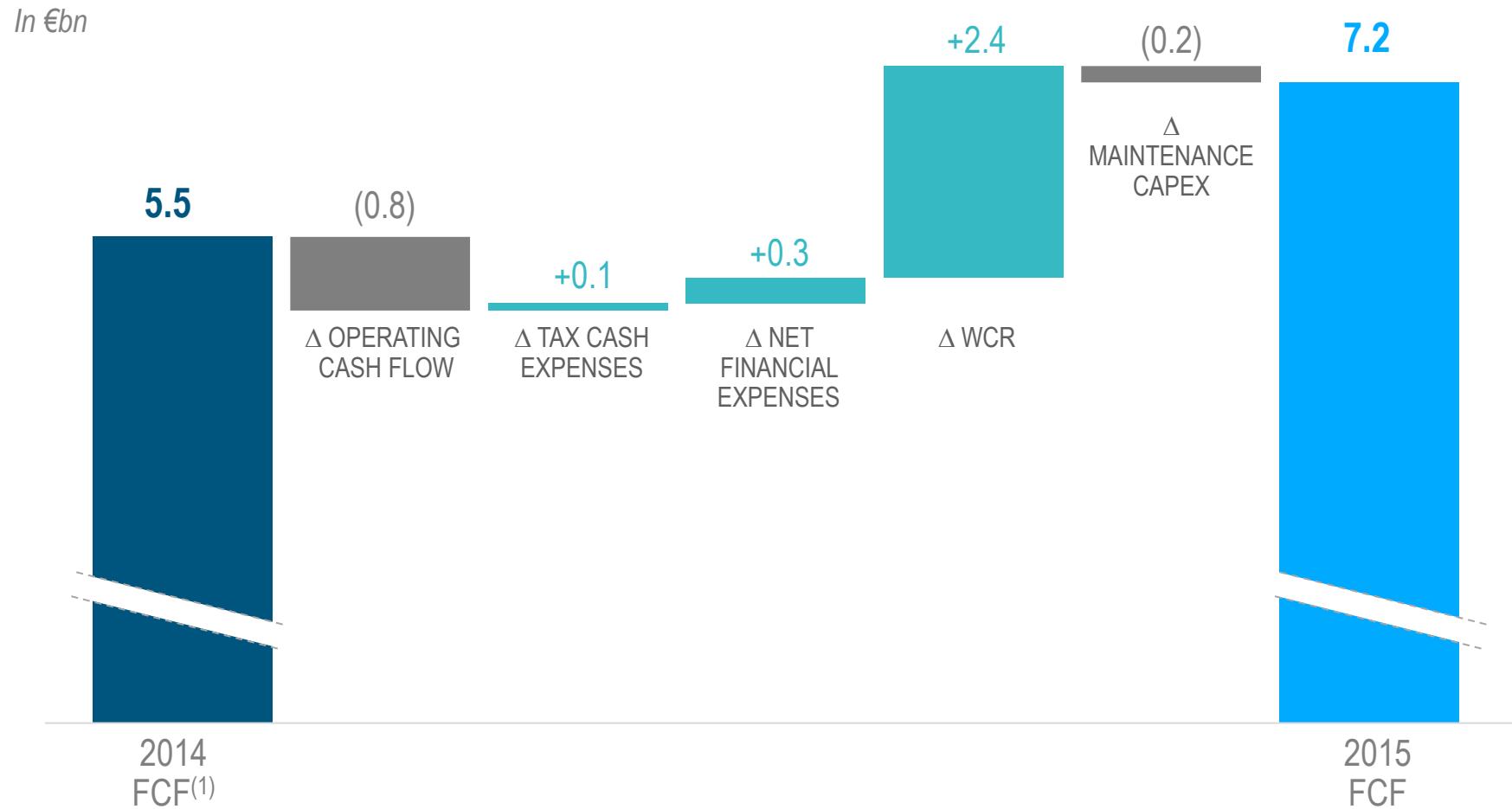
# FROM EBITDA TO FREE CASH FLOW

FINANCIAL APPENDICES



# FREE CASH FLOW GENERATION FROM 2014 TO 2015

FINANCIAL APPENDICES



(1) The comparative figures as of December 31<sup>st</sup>, 2014 were restated post IFRIC 21



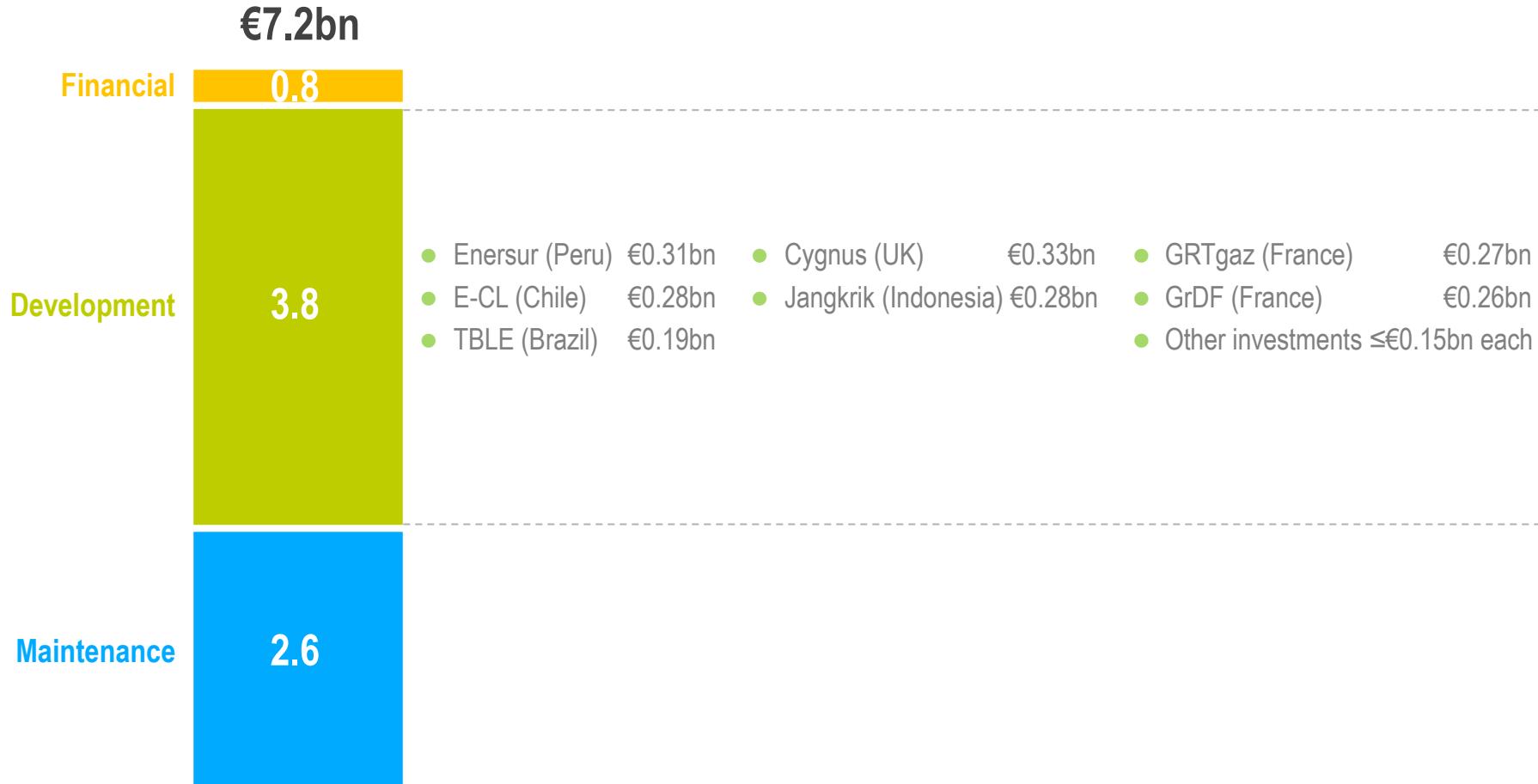
# BREAKDOWN OF INVESTMENTS

In €m	Maintenance	Development	Financial	2015
<b>ENERGY INTERNATIONAL<sup>(1)</sup></b>	<b>578</b>	<b>1,104</b>	<b>11</b>	<b>1,693</b>
<i>of which Latin America</i>	138	783	103	1,024
<i>of which Asia-Pacific</i>	121	49	-14	156
<i>of which North America</i>	208	122	5	335
<i>of which UK - Turkey</i>	102	18	0	120
<i>of which South Asia, Middle East &amp; Africa</i>	10	132	-95	46
<b>ENERGY EUROPE<sup>(2)</sup></b>	<b>731</b>	<b>588</b>	<b>143</b>	<b>1,461</b>
<i>of which Central Western Europe</i>	595	519	105	1,218
<i>of which France</i>	155	238	-44	349
<i>of which Benelux &amp; Germany</i>	440	260	149	849
<i>of which Southern &amp; Eastern Europe</i>	136	68	22	225
<b>GLOBAL GAS &amp; LNG</b>	<b>87</b>	<b>967</b>	<b>5</b>	<b>1,059</b>
<b>INFRASTRUCTURES</b>	<b>867</b>	<b>694</b>	<b>-27</b>	<b>1,534</b>
<b>ENERGY SERVICES</b>	<b>242</b>	<b>441</b>	<b>154</b>	<b>838</b>
<b>OTHERS</b>	<b>128</b>	<b>31</b>	<b>495</b>	<b>655</b>
<b>TOTAL</b>	<b>2,634</b>	<b>3,825</b>	<b>781</b>	<b>7,240</b>

(1) Including Others: €13m

(2) Including Others: €17m

# DETAIL OF 2015 TOTAL GROSS CAPEX



CREDIT



# “A” CATEGORY RATING

CREDIT RATINGS as of December 31, 2015

**S&P**

**AA-**

**A+** EDF (negative)

**A** **ENGIE** (stable)

**A-**

**BBB+** E.ON (stable)

**BBB** ENEL (positive)  
IBERDROLA (positive)  
Gas Natural (stable)  
RWE (negative)

**Moody's**

**Aa3**

**A1** **ENGIE** (negative)  
EDF (negative)

**A2**

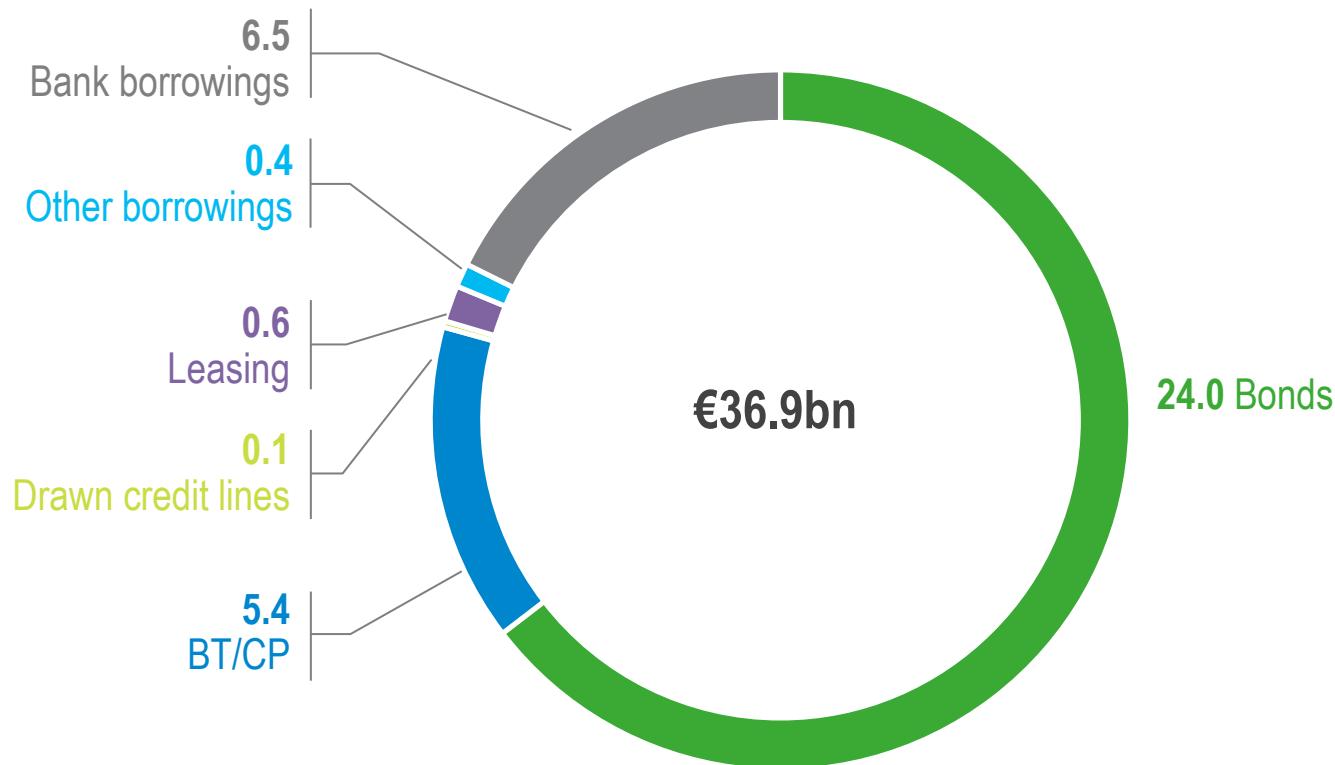
**A3**

**Baa1** E.ON (negative)  
IBERDROLA (stable)

**Baa2** ENEL (stable)  
Gas Natural (stable)  
RWE (negative)

## SPLIT OF GROSS DEBT<sup>(1)</sup>

FINANCIAL APPENDICES



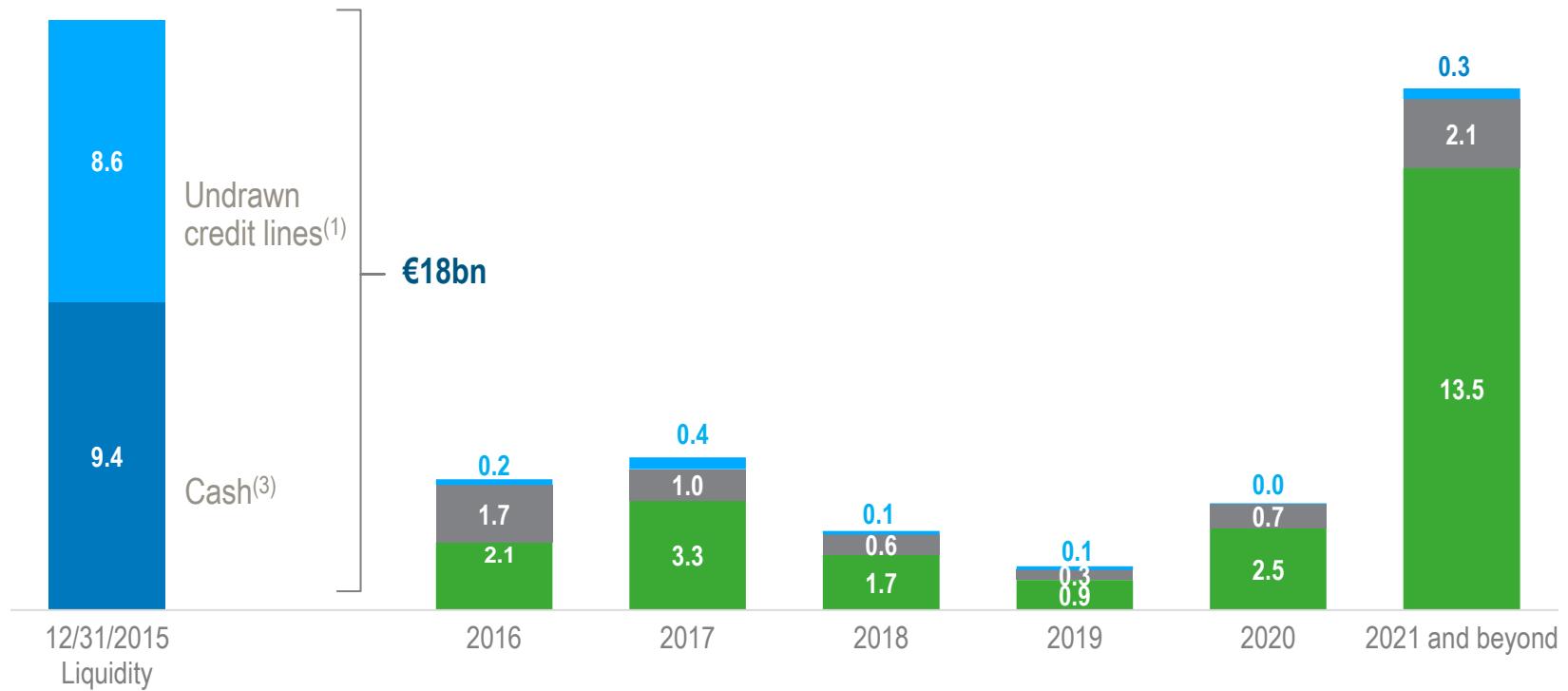
AVERAGE COST OF GROSS DEBT: 2.99%

vs 3.14% as of 12/31/2014

(1) Without IAS 39 (+€2.0bn) and bank overdraft (+€0.6bn)

# DEBT MATURITY PROFILE<sup>(1)</sup>

TOTAL GROSS DEBT<sup>(2)</sup> €36.9bn



AVERAGE NET DEBT MATURITY: 9.5 YEARS

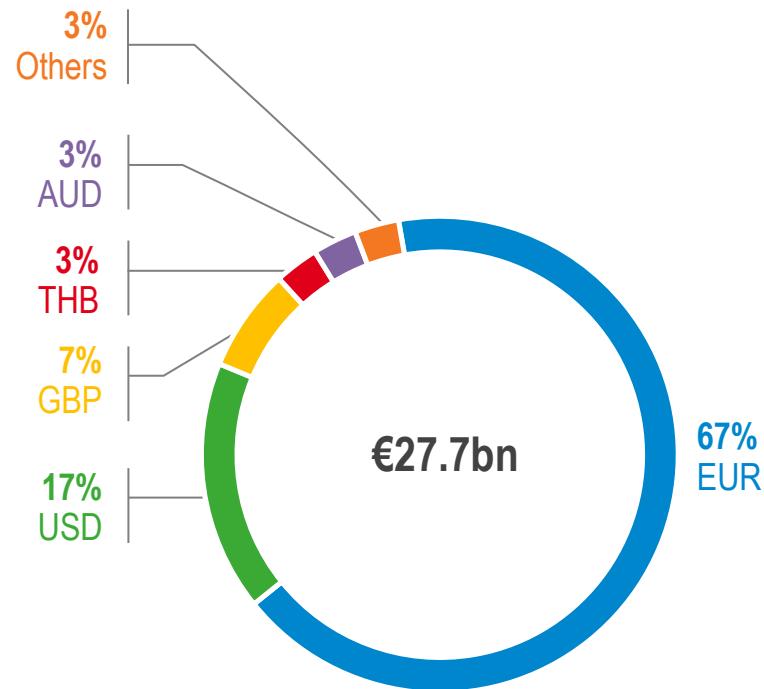
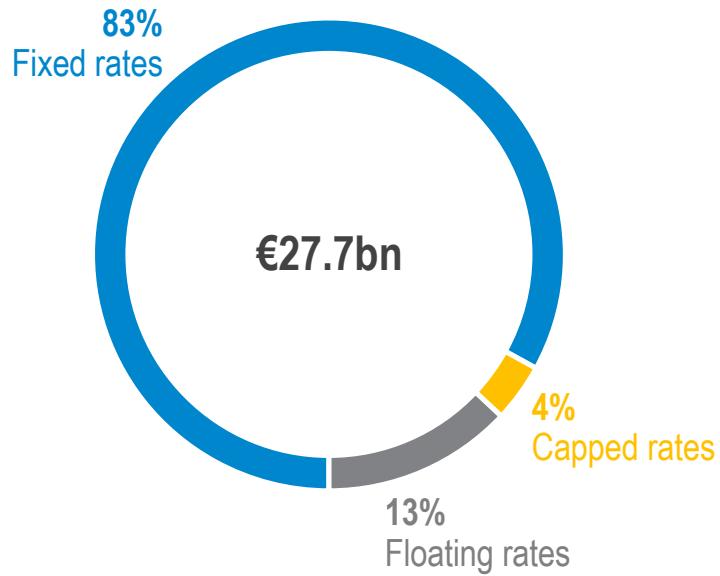
(1) Excluding/net of €5.4bn of BT/CP

(2) Without IAS 39 (+€2.0bn) and bank overdraft (+€0.6bn)

(3) Net of bank overdraft (+€0.6bn)

## NET DEBT BREAKDOWN BY RATE AND CURRENCY

FINANCIAL APPENDICES



# Disclaimer

## Forward-Looking statements

This communication contains forward-looking information and statements. These statements include financial projections, synergies, cost-savings and estimates, statements regarding plans, objectives, savings, expectations and benefits from the transactions and expectations with respect to future operations, products and services, and statements regarding future performance. Although the management of ENGIE believes that the expectations reflected in such forward-looking statements are reasonable, investors and holders of ENGIE securities are cautioned that forward-looking information and statements are not guarantees of future performances and are subject to various risks and uncertainties, many of which are difficult to predict and generally beyond the control of ENGIE , that could cause actual results, developments, synergies, savings and benefits to differ materially from those expressed in, or implied or projected by, the forward-looking information and statements. These risks and uncertainties include those discussed or identified in the public filings made by ENGIE with the Autorité des Marchés Financiers (AMF), including those listed under “Facteurs de Risque” (Risk factors) section in the Document de Référence filed by ENGIE (ex GDF SUEZ) with the AMF on 23 March 2015 (under no: D.15-0186). Investors and holders of ENGIE securities should consider that the occurrence of some or all of these risks may have a material adverse effect on ENGIE.

# ADR PROGRAM

## American Deposit Receipt

Symbol ( <i>as from July 31<sup>st</sup>, 2015</i> )	ENGIY
CUSIP	36160B105
Platform	OTC
Type of programme	Level 1 sponsored
ADR ratio	1:1
Depository bank	Citibank, NA

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**FOR MORE INFORMATION, GO TO**  
<http://www.citi.com/dr>

## FOR MORE INFORMATION ABOUT ENGIE

**Ticker: ENGI**



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Presentation



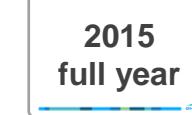
Appendices



Press  
Release



Recorded  
conference  
audiocast



2015  
full year

Financial  
report



Analyst  
pack