



#### Disclaimer

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### Keep improving efficiency and preparing the future

Leveraging integrated business model







**Tackling** short term challenges

Positioning Total strongly for the medium term

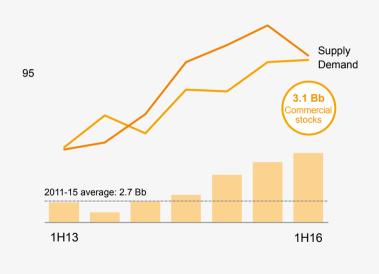
Creating long term shareholder value



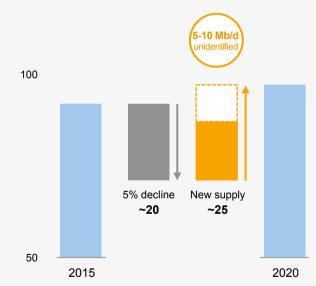
#### Continued volatility as oil market rebalances

Industry investments reduced from 700 B\$ in 2014 to 400 B\$ in 2016

Short term supply-demand and OECD inventories Mb/d



Supply-demand outlook to 2020 Mb/d



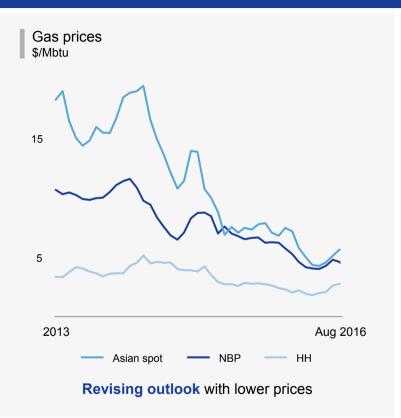
Source Total estimates

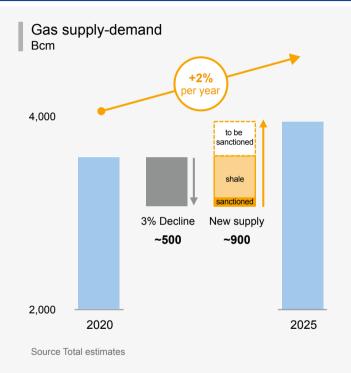


Source IEA

#### Overcapacity impacting short term gas prices

Long term outlook for gas and LNG remains favorable





Opportunity for robust Gas & LNG projects post 2020

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# **Tackling short-term challenges**

- Being excellent at everything we can control
- Safety, Delivery, Cost and Cash

#### Safety, a core value

Cornerstone of operational excellence

00000000

345

consecutive days without a fatal accident

Establishing one central and global HSE organization

A powerful tool with 230 experienced staff to be even more effective across whole organization

**Continuing to improve** safety and environmental performance in all segments



### Increasing Opex savings from 3 B\$ to 4 B\$

Locking in sustainable efficiencies

2015-18 Opex reduction B\$



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### Total Global Services, new source of efficiency

Service provider to business units



Creating new **economies of scale** across the Group

IT savings of 100 M\$ already secured

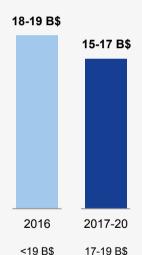
Increasing joint procurement from 2 B\$ to 15 B\$ per year

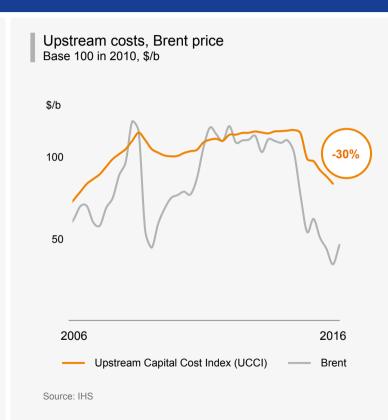


#### **Committed to strong Capex discipline**

Sustainable Capex level from 2017

Capex, including resource renewal B\$





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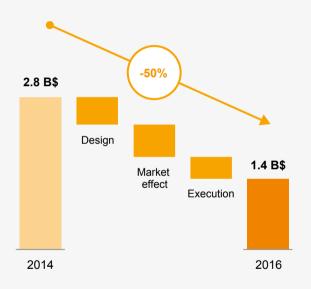
2016 Strategy & Outlook

Previous guidance:

### Capturing deflation and simplifying design

Zinia 2: marginal deep offshore field made profitable

Reducing costs on Zinia 2 B\$



Simplifying subsea layout

Taking advantage of market effect

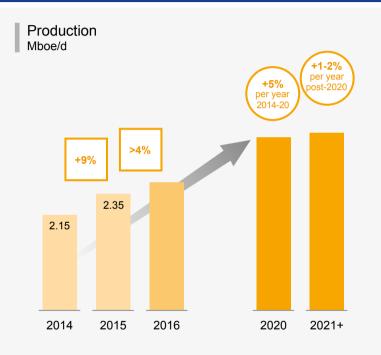
**Optimizing** project execution and drilling

Improving fiscal terms ahead of FID

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### **Strong production growth**

Average growth of 5% per year 2014-20



9 start-ups in 2015

4 projects already started up in 2016

>10 projects under construction

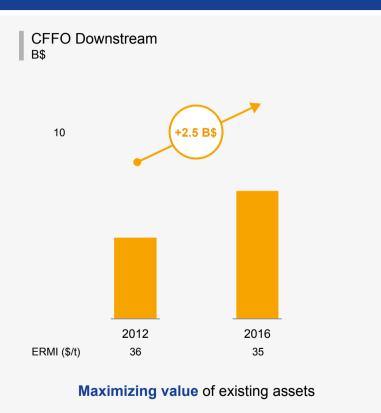
~50% of production from long plateau in 2020

Including Yemen LNG restarted by 2020

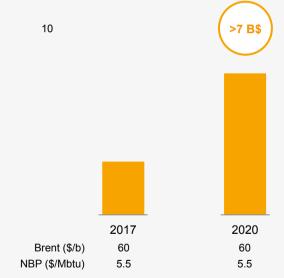
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#### Focusing on cash generation

Operational excellence and project delivery



CFFO from Upstream start ups from 2015 B\$

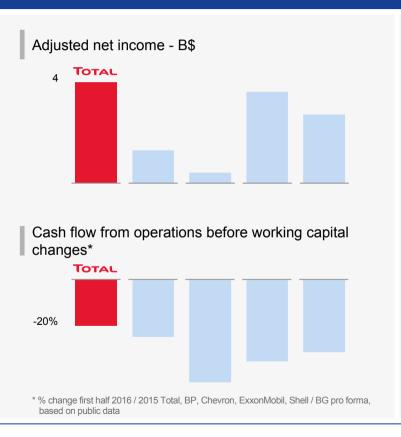


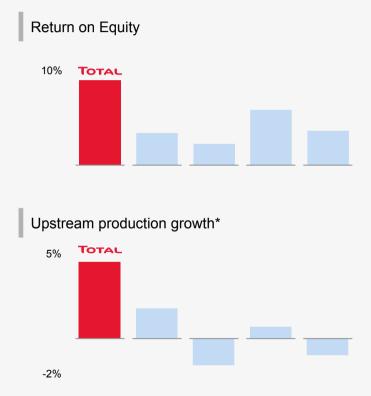
**Project delivery** fueling Upstream CFFO

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#### **Outperforming peers in first half 2016**

Strong performance across all segments





# Positioning Total strongly for the medium term

- Lowering breakeven of oil portfolio
- Expanding along gas value chain
- Capitalizing on customer-focused culture
- Developing low-carbon energy business

#### Oil, positioning Upstream on low cost assets

Managing the portfolio to reduce breakeven

#### Adding low cost assets



Al-Shaheen, 90 kb/d\* Qatar, Total 30%

Giant conventional offshore oil field



ADCO, 160 kb/d\* UAE, Total 10%

Giant onshore oil fields



Libra, >100 kb/d\* Brazil, Total 20%

Giant deep offshore oil field

#### Reducing exposure on high cost assets



Fort Hills, 10% divested in 2015 Canada

Oil sands



Marginal fields North Sea, Africa

Mature offshore oil fields

<sup>\*</sup> Plateau production, Total share (SEC)

### Oil, focusing Downstream on best-in-class assets

Consolidating 7 B\$ cash flow from operations and ROACE >20%

#### Building on Downstream strength



Satorp Saudi Arabia, Total 37.5% World-class, delivering as expected



Daesan South Korea, Total 50% New partnership enabling further development



M&S leadership in Africa Highly accretive acquisitions in retail

Egypt, Kenya, Tanzania, Uganda

#### Restructuring Downstream base



-20% European R&C capacity Achieved end-2016 Carling, La Mède, Lindsey restructuring



Developing in countries with strong market share

Refocusing M&S European portfolio

Monetized Turkey, UK, Switzerland



#### **Growing integrated gas, Upstream**

Diversified portfolio of gas developments

Yamal LNG - Russia Total 20%, 130 kboe/d\*



Ichthys LNG - Australia Total 30%, 110 kboe/d\*



\* Plateau production, Total share (SEC)

West of Shetlands - UK Total 60%, 50 kboe/d\*



Barnett - United States Total 100%\*\*, 80 kboe/d\*



\*\* subject to preemption close out



#### Growing integrated gas, Downstream

Capturing margin along full value chain

Marketing efforts to access new customers



Launching 1 Mt/y ethane side cracker at Port Arthur

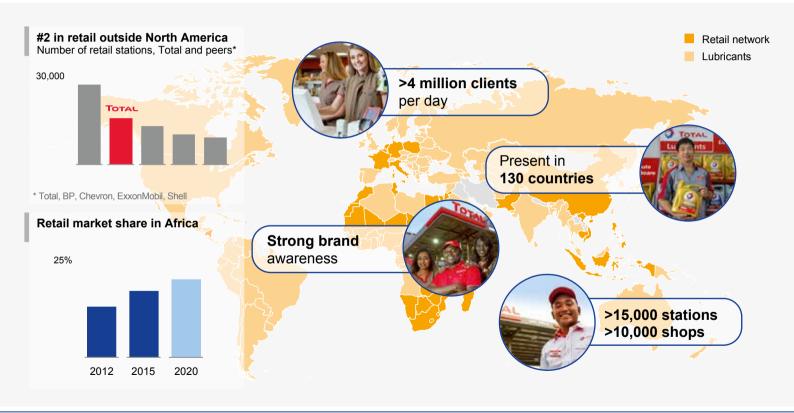


**Expansion opportunity** with low-cost gas feedstock

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#### Capitalizing on customer-focused culture

M&S growing retail and lubricants at 4% per year



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#### Developing a profitable segment in low-carbon business

Dedicated organization to grow gas and renewables

~5% of 2016 capital employed Gas and power Solar 3 B\$ marketing 0.5 B\$ Gas and power 1.5 B\$ Energy efficiency services **Energy storage** 1 B\$

**Developing downstream gas markets** 

Building an integrated business in fast growing solar

Energy storage, key to growing profitable renewables

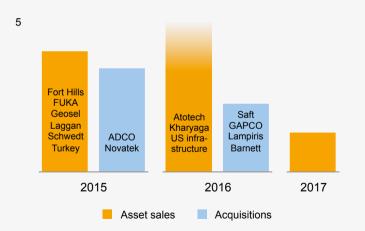
Adapting pace of growth to **deliver profits** 

1 B\$/y cash flow from operations by 2020

TOTAL

### Implementing strategy through portfolio management

Asset sales & acquisitions \$B



Aligning asset base with ambition in oil, gas and renewables

Monetizing non-core assets

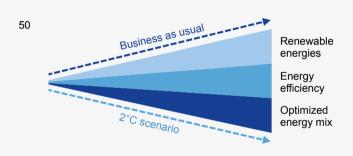
Maintaining strict discipline for acquisitions

TOTAL

### **Integrating 2°C roadmap into strategy**

Gradually decreasing the carbon intensity of our production mix

Areas of focus to reduce  $CO_2$  emissions  $Bt CO_2$ 



2015 2035

Source: IEA (2015), Energy Technologies Perspectives 2015

Focusing on oil projects with low breakevens

Prioritizing gas projects

**Exiting** coal business

Growing in renewables and low-carbon business



# **Creating shareholder value**

► To be the most profitable European integrated major

#### Reducing cash breakeven



2016 cash flow breakeven at **60 \$/b** including 2 B\$ net asset sales

CFFO covering 2017 Capex (including resource renewal) and dividend cash-out at 55 \$/b

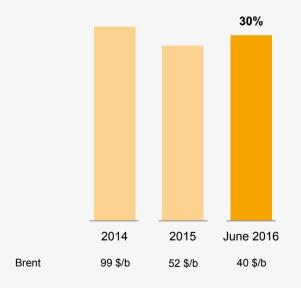
Ending discounted scrip dividend in 2017 with Brent at 60 \$/b



### Priority to profitability and strong balance sheet

Resilient to volatile price environment

Net debt-to-equity ratio %



Targeting ROE >10% at 60 \$/b

Long term gearing guidance of 20%

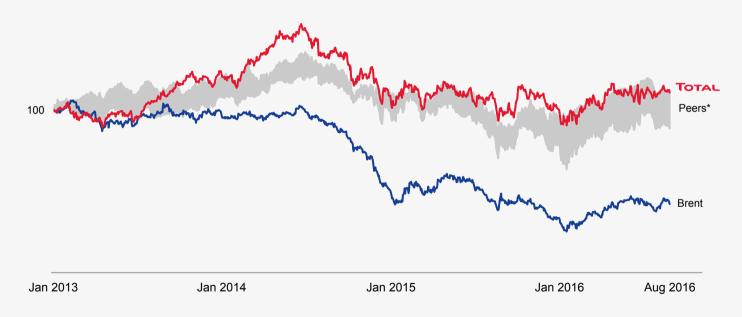
**Buyback** scrip shares



#### Attractive return in a volatile market

5.8% dividend yield over past 12 months

Total and peers share price with dividend reinvested and Brent Base 100, January 2013



\* BP, Chevron, ExxonMobil, Shell

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### Keep improving efficiency and preparing the future

Leveraging integrated business model







**Tackling** short term challenges

Positioning Total strongly for the medium term

Creating long term shareholder value

Committed to shareholder return

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# **Exploration & Production**

# **Growing Upstream value**

Maximizing returns from existing assets

Operational excellence



Cost discipline



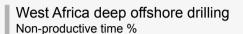
Profitability & cash

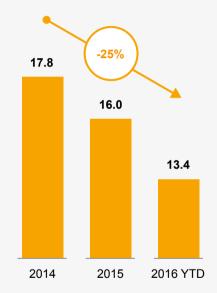


#### Improving operational performance

Sustained efficiency gains across our operations





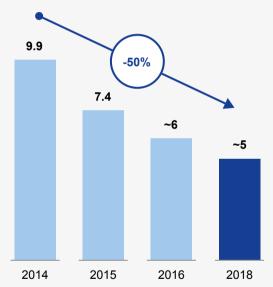


<sup>\*</sup> Actual production divided by capacity

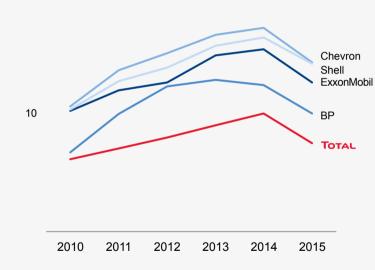
#### **Further driving down E&P Opex**

Reinforcing competitive advantage on costs

Operating costs (ASC932) \$/boe



Operating costs (ASC932) for Total and peers \$/boe

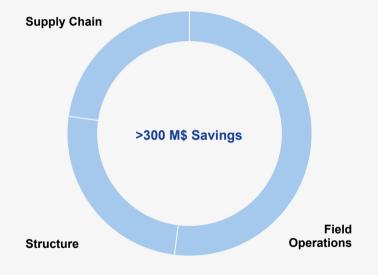




#### Cementing a lean cost culture

Systematic and disciplined approach delivering sustainable results

Consistently challenging our processes 2014-16 UK opex savings



#### Setting global best practices

Angola FPSOs joint operating model: -100 M\$

#### Streamlining maintenance processes

Less works contracted out: -100 M\$

#### Structure costs

Reorganization in Nigeria: -150 M\$

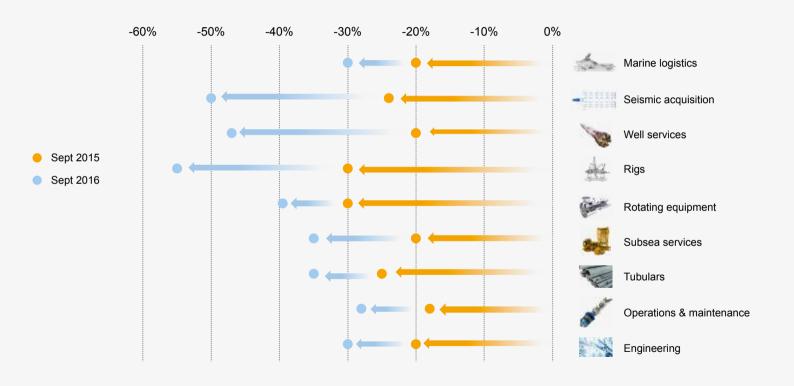
#### Logistics

From 12 to 6 helicopters in West Africa: -100 M\$

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#### Capturing further cost deflation in 2016

Examples of reductions achieved through renegotiation and new tenders



TOTAL

33

### **Delivering project start-ups**

>900 kboe/d from start-ups and sanctioned projects



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## Al Shaheen – redeveloping giant mature field

Total 30%, Qatar







25-year concession effective mid-2017

300 kb/d, long plateau

Low breakeven oil project, free cash flow positive from year one

Maximizing oil recovery through **reservoir expertise** and technical know-how



## Yamal – delivering worldclass LNG project

Total 20%, Russia



16.5 Mt/y capacity, 3 LNG trains

>95% of LNG committed

Targeting start-up by end-2017

- First train ~80% complete
- >90% of wells drilled for start-up

>18 B\$-equivalent project financing secured



# Libra – unlocking deep offshore value

Total 20%, Brazil



**3-4 Bb resources** in North West panel alone with excellent well productivity

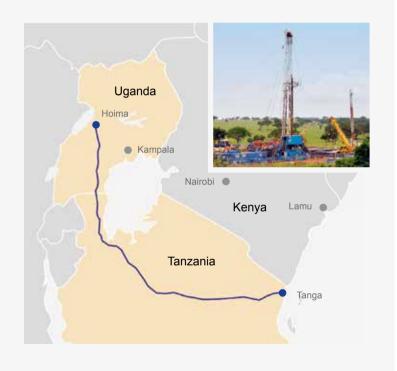
Start-up of 50 kb/d EWT vessel in 2017

Phased development with FID of first FPSO planned in 2017



# Uganda – advancing giant onshore field

Total 33%



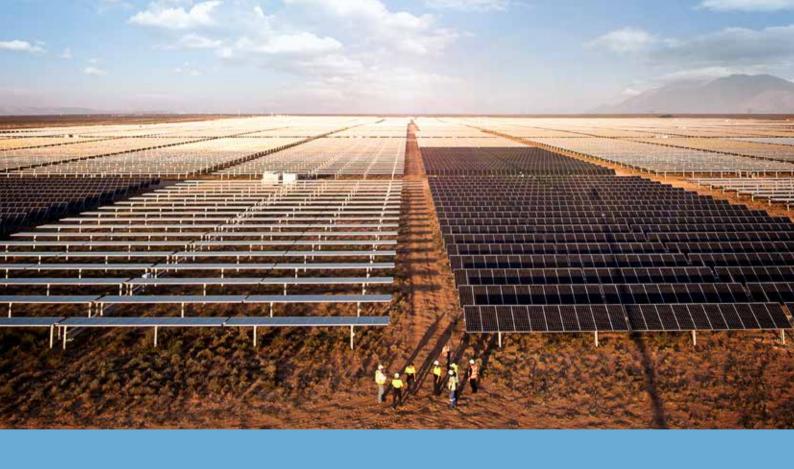
Agreement on **export pipeline** route through **Tanzania** 

25-year production license awarded

Moving toward FID, capturing deflation



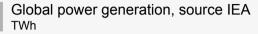
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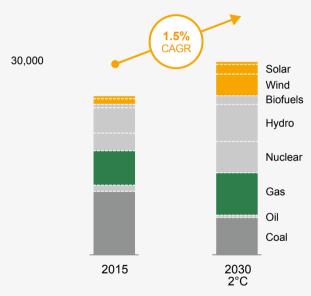


Gas, Renewables & Power

### From gas to power

Gas, renewable and power markets becoming more integrated





2016 Strategy & Outlook

### Gas becoming largest primary source of power

Renewables growing by >10% per year

#### New market trends

- Energy efficiency
- Distributed generation
- Smart energy

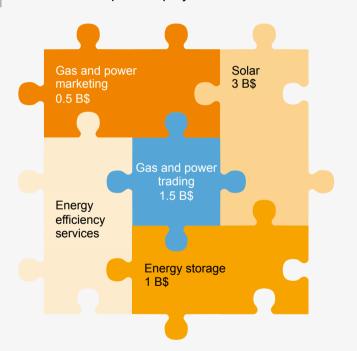
40



### **Developing a complementary portfolio**

Building on a base of quality assets

~5% of 2016 capital employed



Global trading for gas and LNG

Gas and power **B2B marketing** in Europe and **Lampiris platform for B2C** 

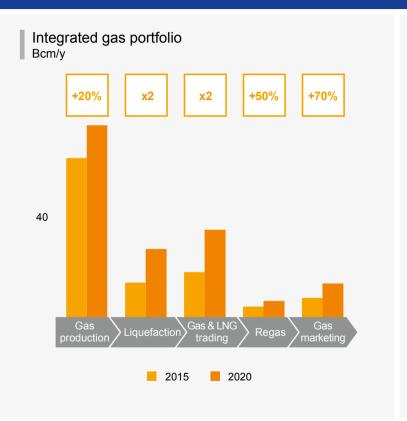
High quality SunPower platform

Saft leadership in high technology batteries



### **Growing integrated gas portfolio**

Capturing full value chain margin



Gas representing half of Group reserves

### **Growing portfolio, developing new markets**

- Signed 2 Mt/y long term LNG contracts in 2016
- Offering more flexibility to customers
- Providing long term visibility for Upstream

**Expanding** B2B and B2C marketing

TOTAL

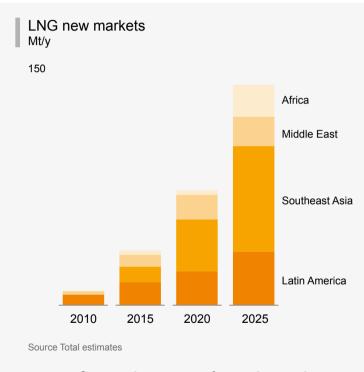
## **Unlocking new LNG demand**

### Opening new markets

Floating Storage Regasification Units (FSRU)
World overview



FSRUs enabling new LNG markets

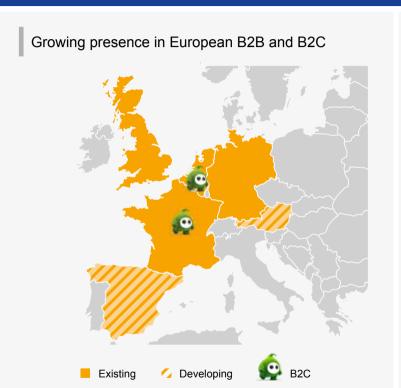


Successive waves of new demand

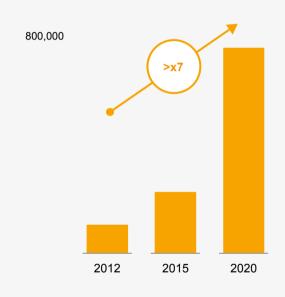


## **Expanding gas and power marketing**

Growing demand for combined offering



### Number of B2B sites supplied



TOTAL

# SunPower, a high quality platform in solar

Leading integrated player

#### Solar cell and panel production



25%

World record cell efficiency

1.3 GW

Solar modules produced in 2015

Wide range of products

Supplying all market segments

### Decentralized power generation



#2 in US residential

Deploying 350-450 MW in 2016

12% market share

Power plant design, construction and operation



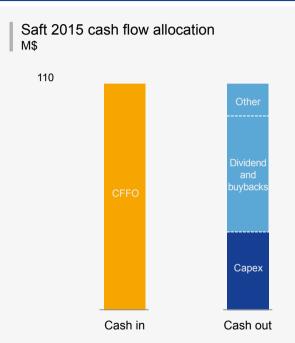
>1 GW in development Operating >1 GW

748 MWp Solar Star World's largest solar power plant

TOTAL

### Energy storage, key to growing profitable renewables

Solid cash generation to boost future growth



100 years of history

#### 850 M\$ revenue in 2015

- Leadership on >75% of revenue base
- 9% invested in R&D, 3 main technologies

Free cash flow available to increase investment

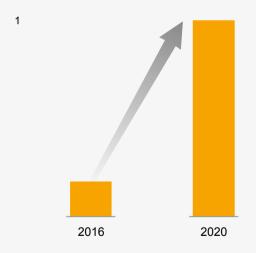
Saft technology well positioned for Energy Storage Solutions



## Adapting pace of growth to deliver profits

Leveraging integrated portfolio to maximize value

Cash flow from operations B\$



Expanding downstream gas

Building a profitable business in fast growing renewables

1 B\$ CFFO per year by 2020



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Slide 6: Safety figures as of September, 21, 2016.

TOTAL