



# Energy in Ireland

Jim Gannon



# Challenge and Progress



## Energy Use

2015

First significant  
growth since  
2010



+4.9%

OVERALL ENERGY USE

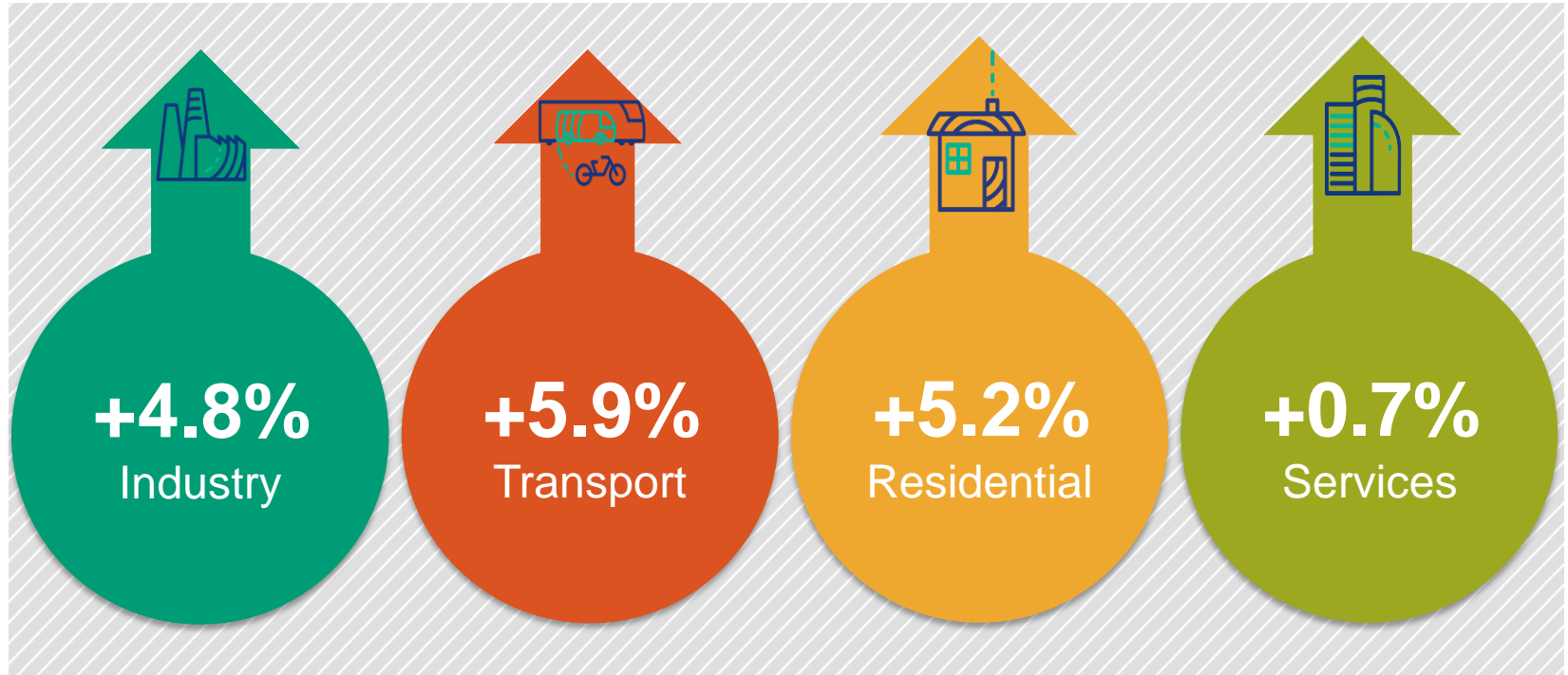


+5.8%

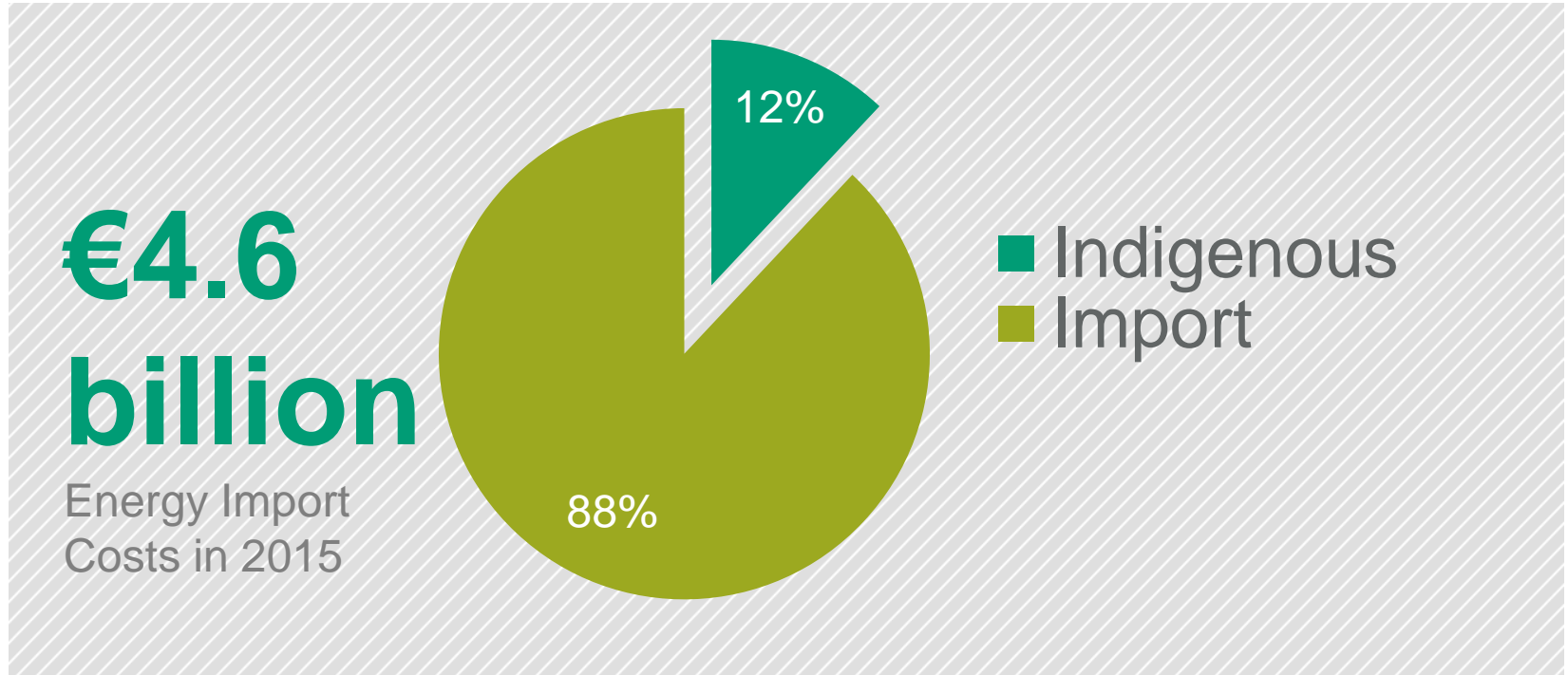
CO<sub>2</sub> EMISSIONS



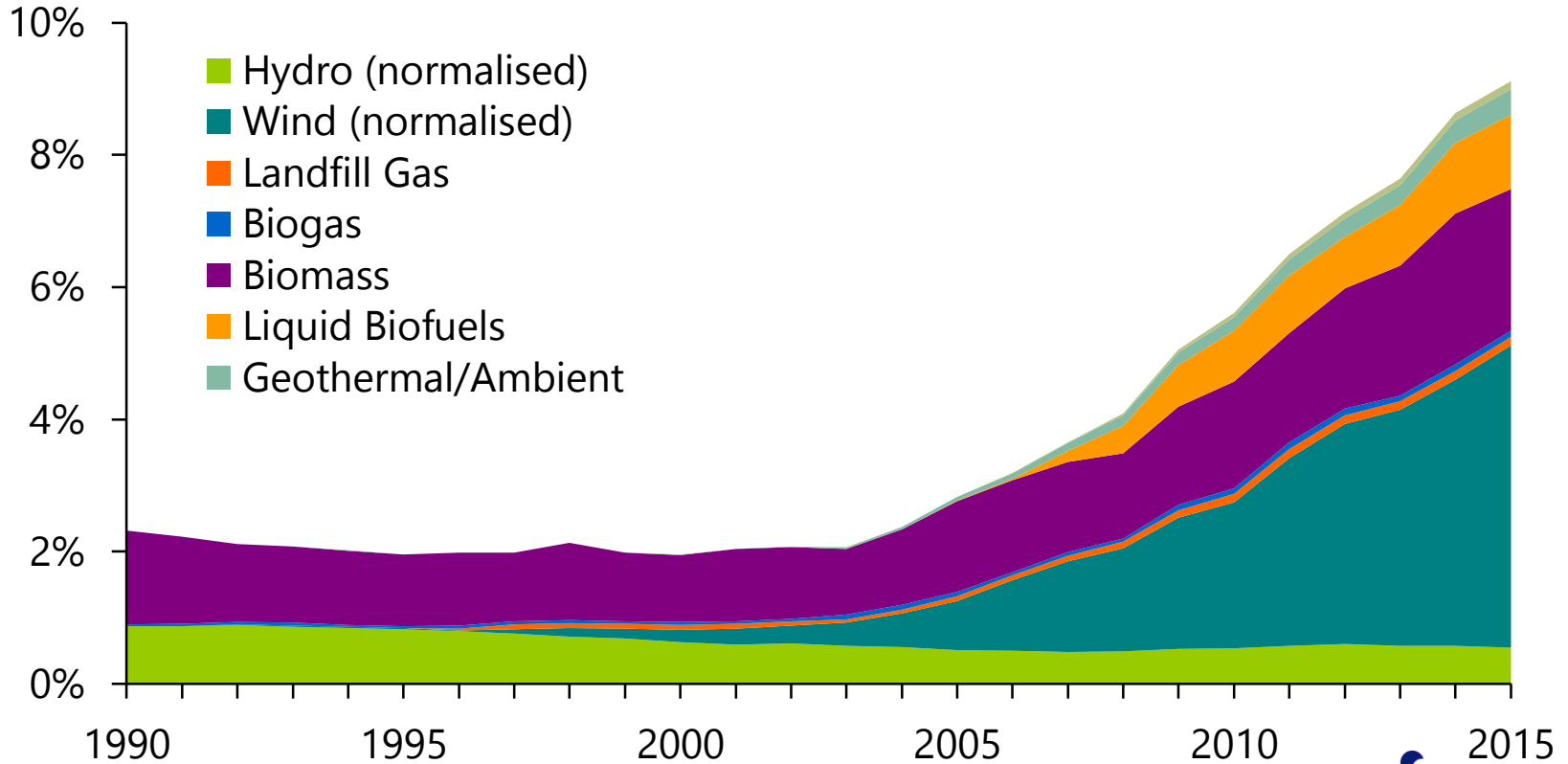
# Sectoral Energy use change in 2015



# Import Dependency



# Renewable Contribution to Gross Final Consumption



# Progress towards renewable targets

**25.3%**

Electricity (normalised)



**40%**

2020 Target

**6.5%**

Heat



**12%**

2020 Target

**5.7%**

Transport



**10%**

2020 Target



# Catalysts



# RES-H: macroeconomic and net employment benefits

Results of producers switching to biomass, regardless of source location...



€150m  
SAVINGS IN 2020

REDUCED  
FUEL COSTS



2,750  
JOBS IN 2020

... but, net employment increases when biomass is grown and sourced **locally**



5,550  
JOBS IN 2020



GDP increases  
in 2020



# RES-E : macroeconomic and net employment benefits

## ONSHORE WIND

Onshore wind deployment has a consistently positive impact on the Irish economy and net employment in 2020.

**4,400**

NET JOBS  
CREATED  
IN 2020



**2,000**  
DIRECT JOBS IN  
CONSTRUCTION



**500**  
ONGOING DIRECT JOBS IN  
OPERATIONS AND MAINTENANCE

THE REST IN THE SUPPLY CHAIN (MANUFACTURING, PROFESSIONAL SERVICES)  
AND AS A RESULT OF HIGHER EXPENDITURE IN THE WIDER ECONOMY.



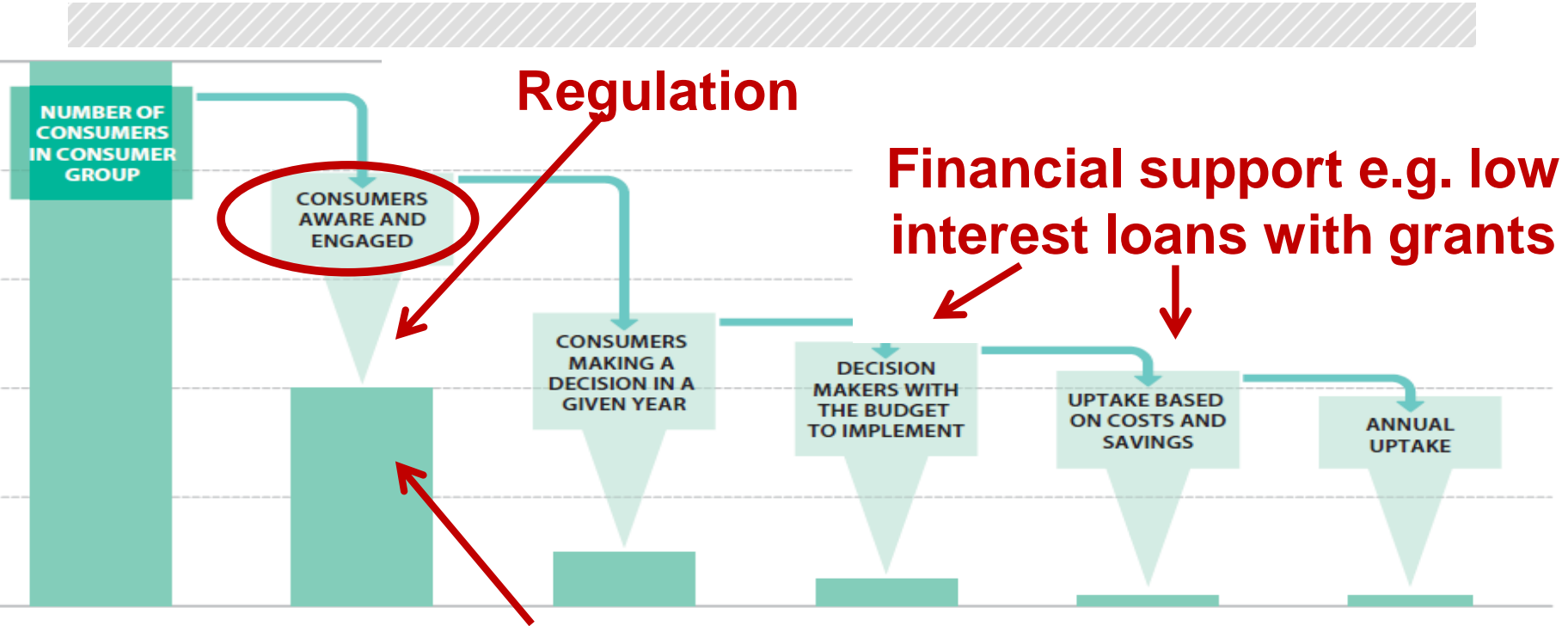
**GDP**

INCREASE  
IN 2020



IN 2020, GDP COULD INCREASE BY  
**€305m-€585m**  
AS A RESULT OF BUILDING NEW WIND  
FARMS AND EXPANSION OF THE  
ELECTRICITY GRID.

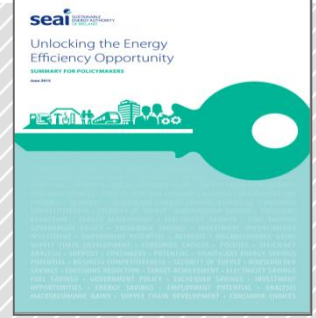
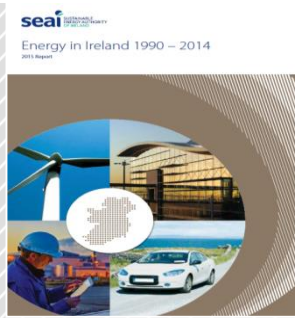
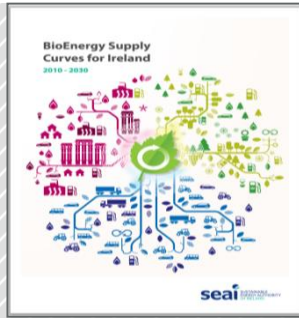
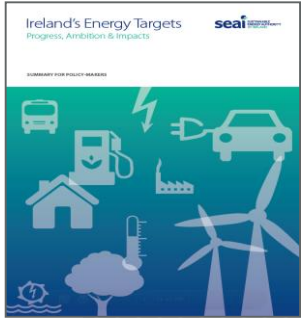
# Consumer Decision Making Process



**Information campaigns,  
promoting services, audits**

# Summary

# Publications Supporting Policy



# Thank You

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