



# **Environmental, social and economic contribution of the Container Glass sector in the EU**

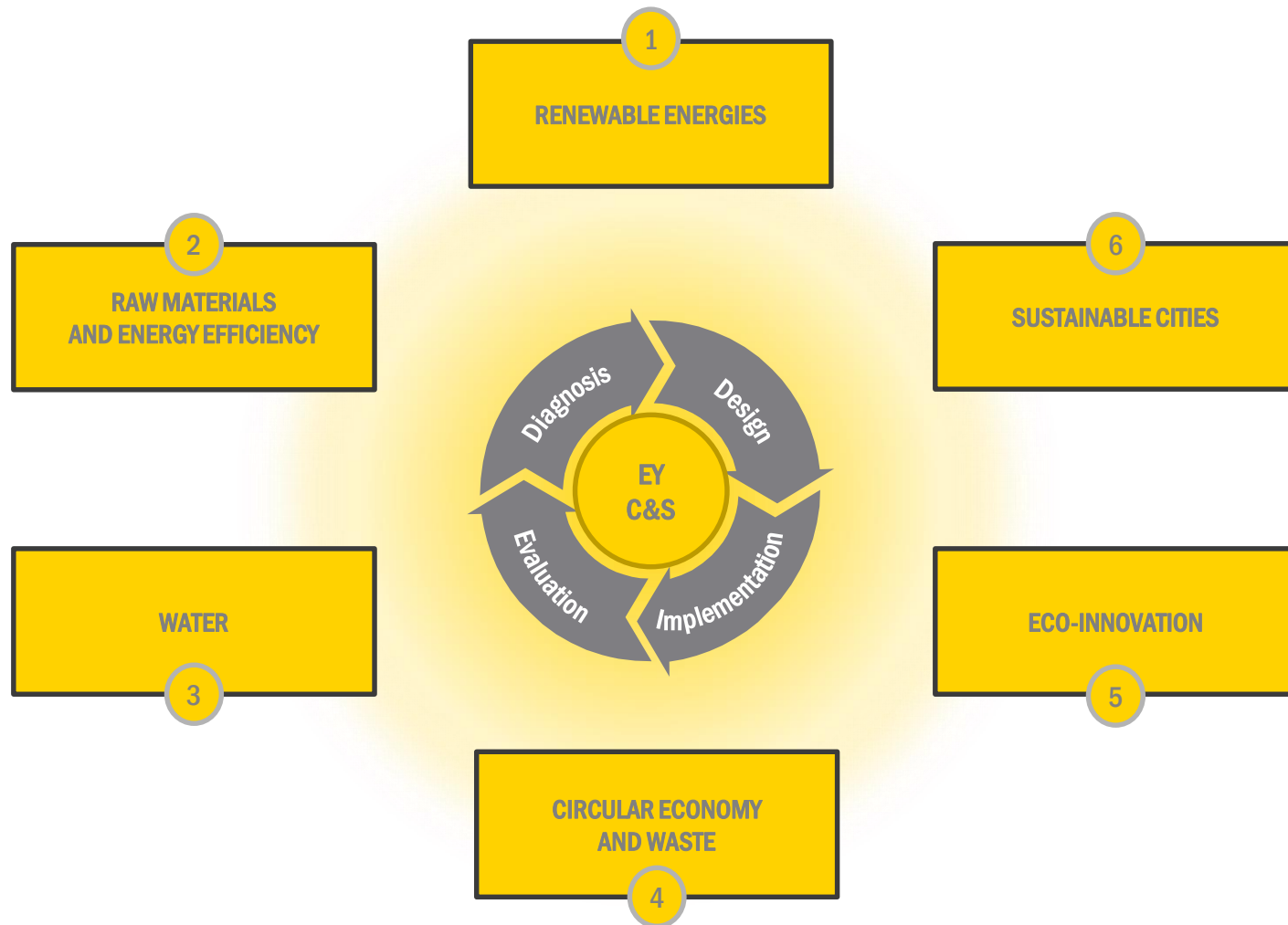
**A study by Ernst & Young for The European Container Glass Federation (FEVE)**

European Parliament, January 2015

Eric Mugnier, EY France



# EY sustainability services : 500 dedicated consultants in Europe



# Selected indicators and topics

## Employment

Container glass production generates:

- Direct jobs
- Indirect jobs
  - Cullet collection and preparation
  - Transportation of produced glass
  - Others
- Induced jobs

## Environment

The Container glass sector features:

- A high rate of cullet use (recycling)
- Proximity with its upstream and downstream value chain :
  - ✓ Close to the suppliers
  - ✓ Close to the clients

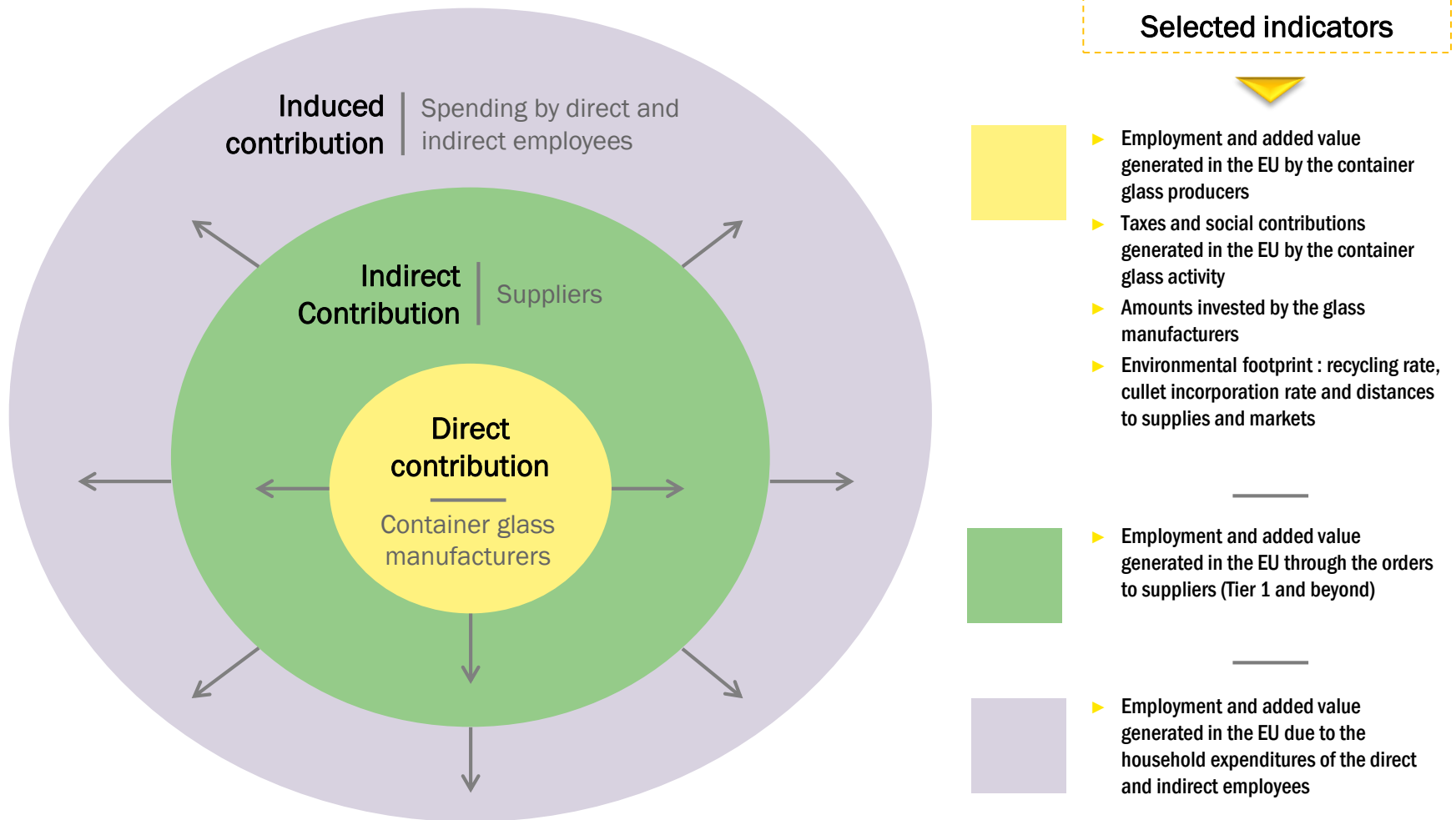
## Economic value creation and fiscal contribution

Container glass production contributes to:

- Gross Domestic Product
- Long term industrial investment
- Fiscal revenues :
  - ✓ Corporate tax
  - ✓ Employer social contributions
  - ✓ Local taxes



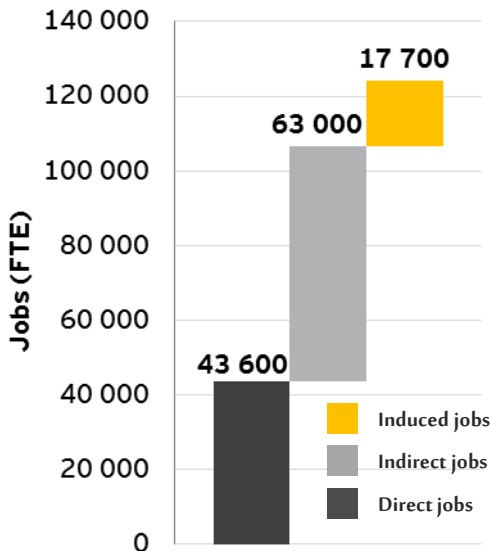
# The contribution of the container glass sector in the EU, is broken down into direct, indirect and induced footprint...



# The triple bottom line – EU27

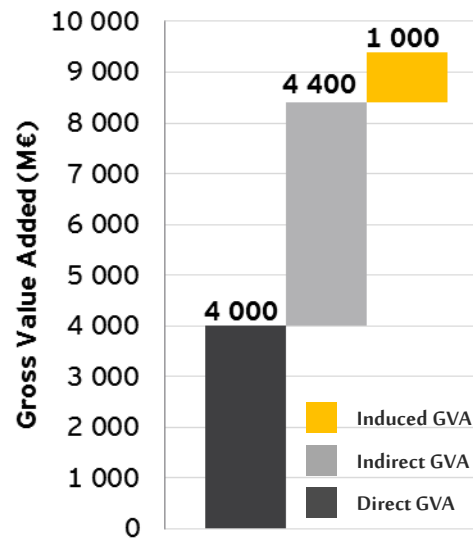
## Social footprint

About  
125 000 local jobs generated



## Economic footprint

More than € 9.4 billion of Gross Value Added (GVA) generated



€ 0.75 – 1 billion / year of contribution to public finances

500 - 610 M€ / year of industrial investments on average

## Environmental footprint

More than 12.5 Mt of cullet incorporated in the glass furnaces

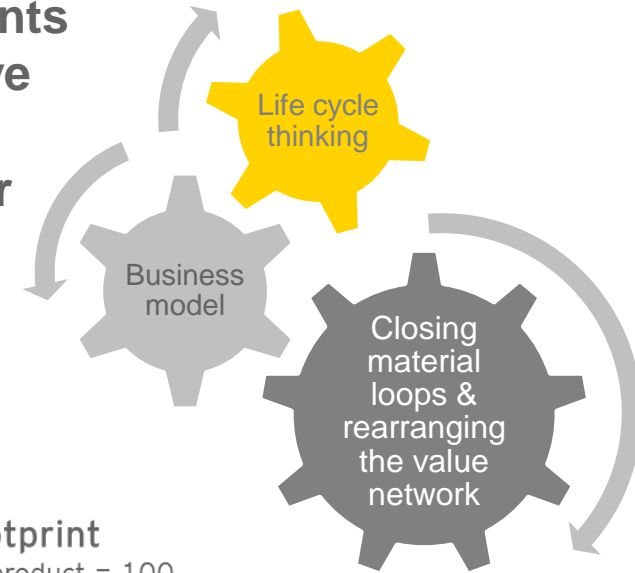
- 52% Cullet incorporation rate in 2012
- About 74% of the container glass produced is made with raw materials that travel less than 300km before their delivery to the glass manufacturing plant
- About 56% of the container glass is delivered to customers that are located less than 300 kms from the glass manufacturing plant

# The business case for the circular economy

## Strong drivers for companies

- ▶ Rising costs of materials
- ▶ Increased supply risks
- ▶ Saturated / low growth markets
- ▶ Costs of waste becoming more apparent
- ▶ Regulatory pressure, e.g. Extended Producer Responsibility

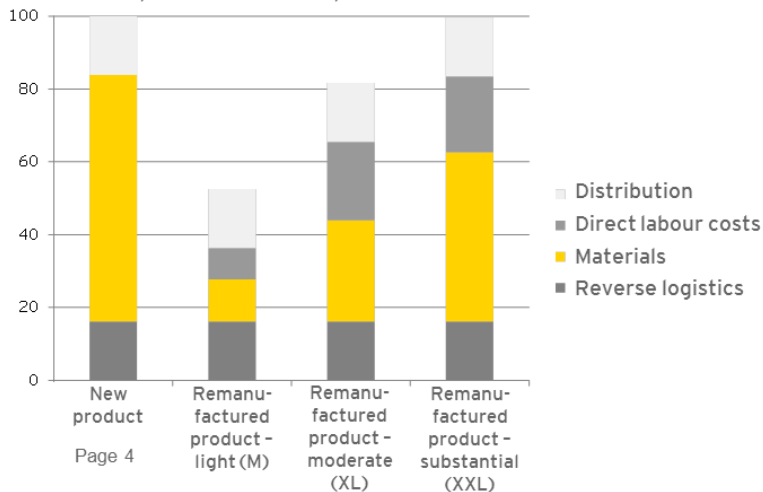
## 3 elements that have to work together



### Example:

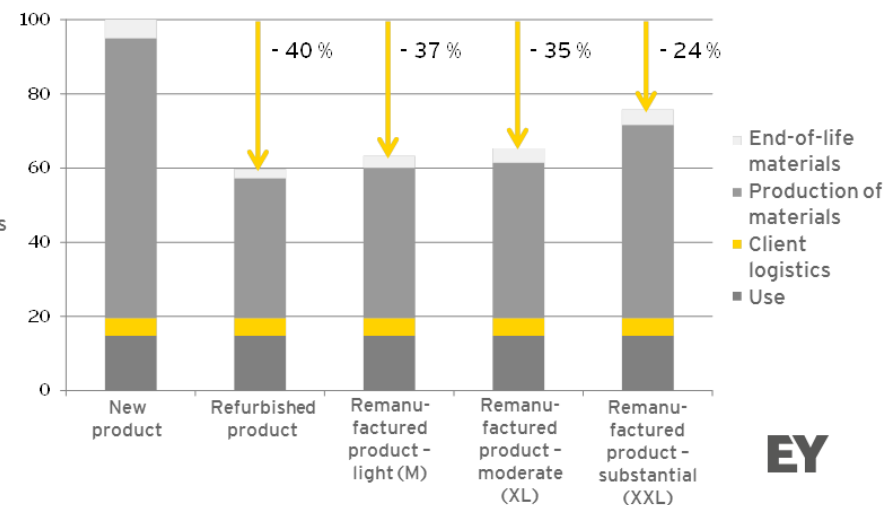
#### Production costs

(compared to a new product = 100)



#### Carbon Footprint

(compared to a new product = 100)





## Contacts

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