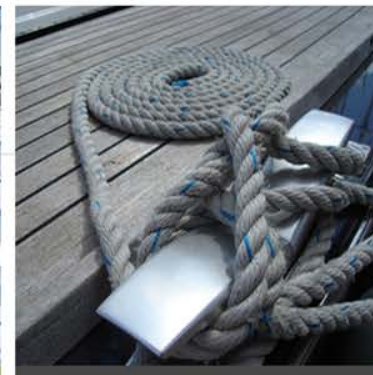


creating solutions together



Investing in research, innovation and skills : Driving growth in the bioeconomy

Bioeconomy in the EU: achievements and directions for the future
Dublin, February 14th , 2013

Dr. Cristina Gonzalez

CEFIC

SusChem

Some preliminary thoughts

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- Investment in research, innovation and skills = growth + jobs

- Investment:
 - Money
 - Materials
 - Brains

- H2020. Not only technology issues. Societal challenges

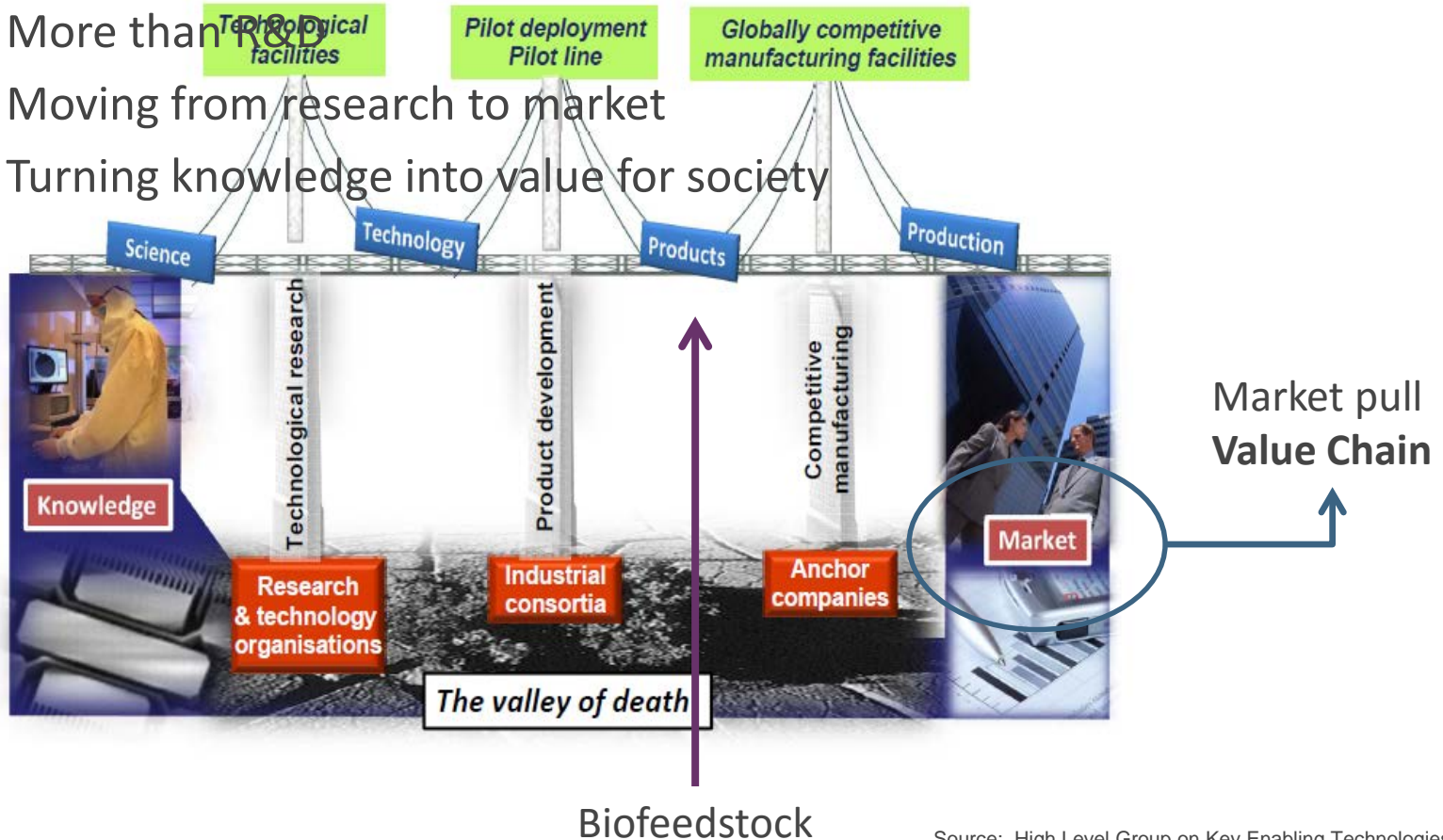
- Achievement of Bioeconomy Goals: **INVESTMENT IN RESEARCH, INNOVATION & SKILLS** is needed.

Innovation chain

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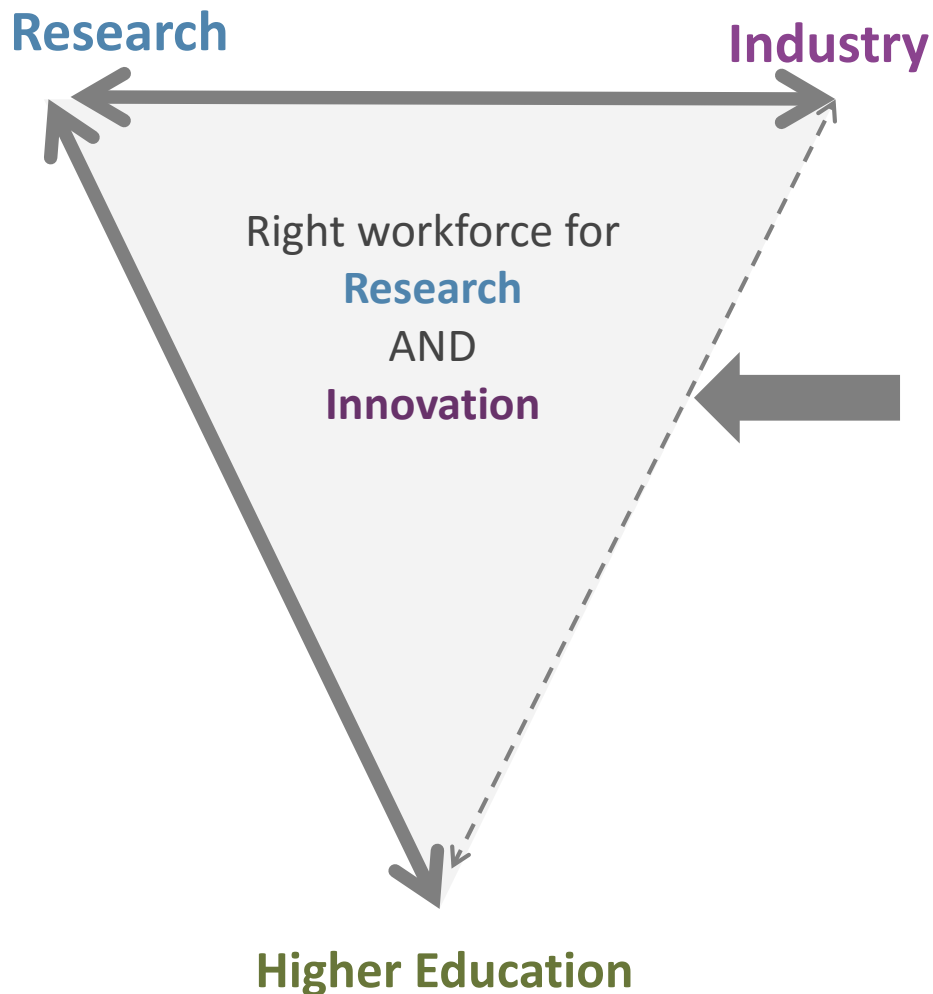
- EU 30% biotechnology patents globally but... < 10% manufacturing!!
- Innovation is... **pillars**

- More than R&D
 - Moving from research to market
 - Turning knowledge into value for society



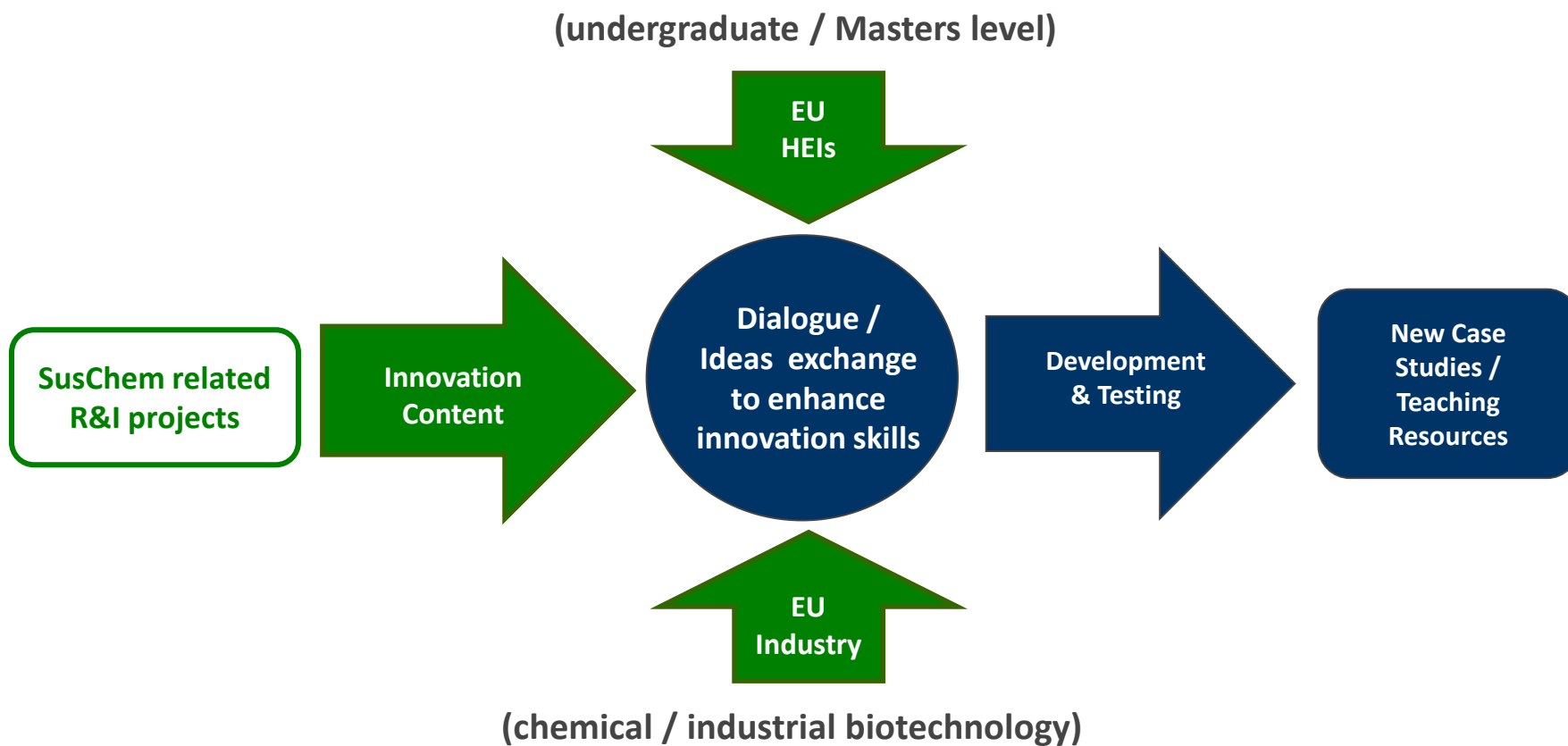
Building Skills Capacity Together

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Industry and HEIs to build together the skills capacity for tomorrow

- **Create synergies**
- **Concrete SusChem activities:**
 - Dissemination good practice for introducing innovation skills into HEI courses
 - SusChem Educate to Innovate programme



- Biobased industries will grow and become more important in the future- they need the enabling role of **industrial biotechnology** and **chemistry**
- Need to cross the valley of death – new mindset, new ways of working together, new business models
- Sustainability-based approach along the value chain
- Skills development and dissemination are crucial and need to go hand in hand (integrated) with innovation projects
- Europe will never have enough funds compared with the other global regions, so needs doing more with less- **new public-private cooperation models**

THANK YOU



www.feique.org
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