



# EIT (Digital): Innovation Impact

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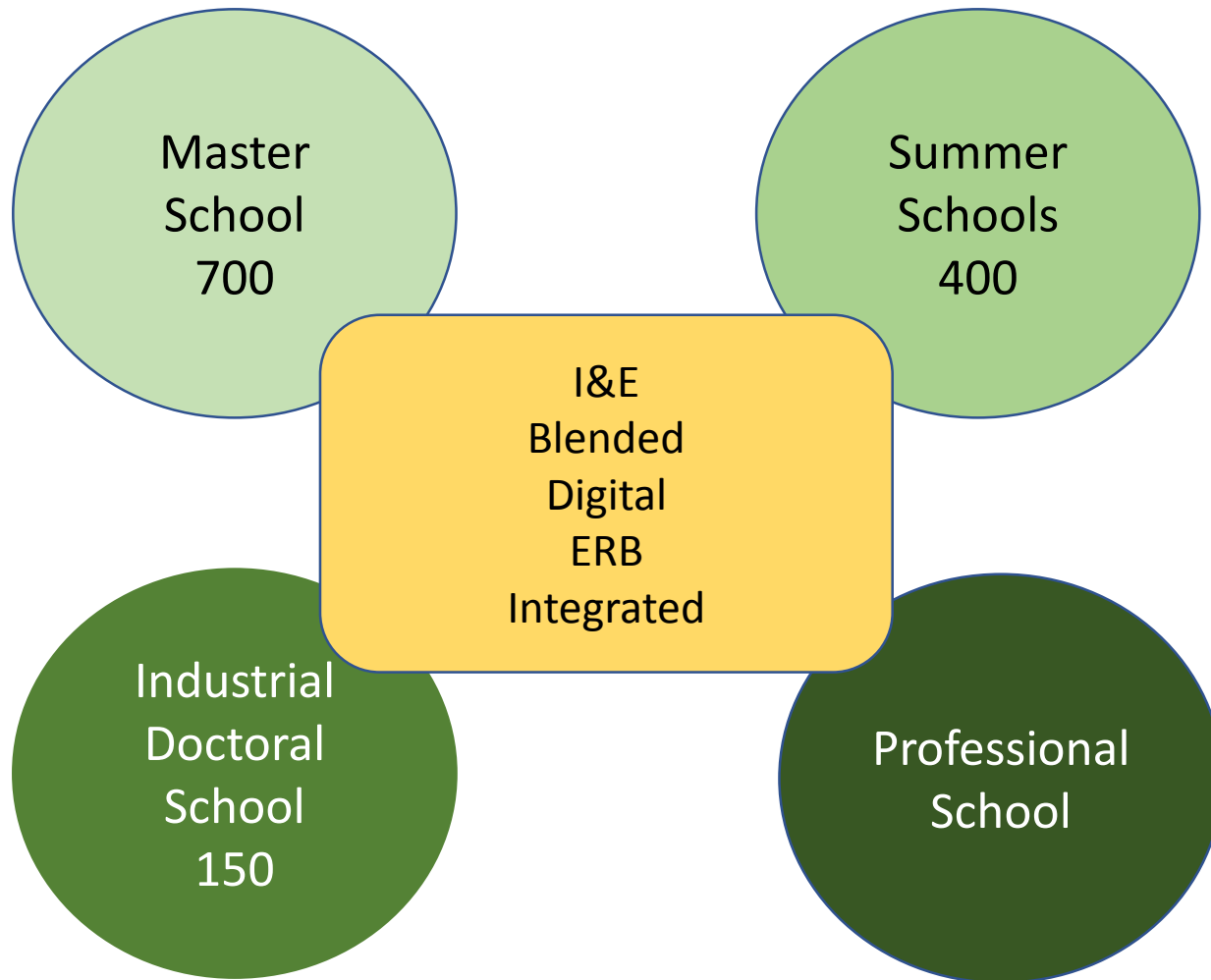
Education Director EIT Digital: A  
KIC within EIT

# No Education-No Innovation



- **EIT is about building sustainable innovation and education environments**
- **Innovation and Education is strongly coupled and leverage each other**
- **Generic skills as being creative, innovative and entrepreneurial can and must be learned**
- **The methodology is simply ERB integration through learning by doing**
- **This the qualities all EIT education is based on**

# EIT Digital Academy



## Master School

- 7 Technical Majors
- I&E Minor
- Campus Masters
- Blended Masters
- Blended Courses
- Post Masters

## Industrial Doctoral School

- Industrial Topics
- Industrial Sponsors
- DTCs
- Internships (BDEs)

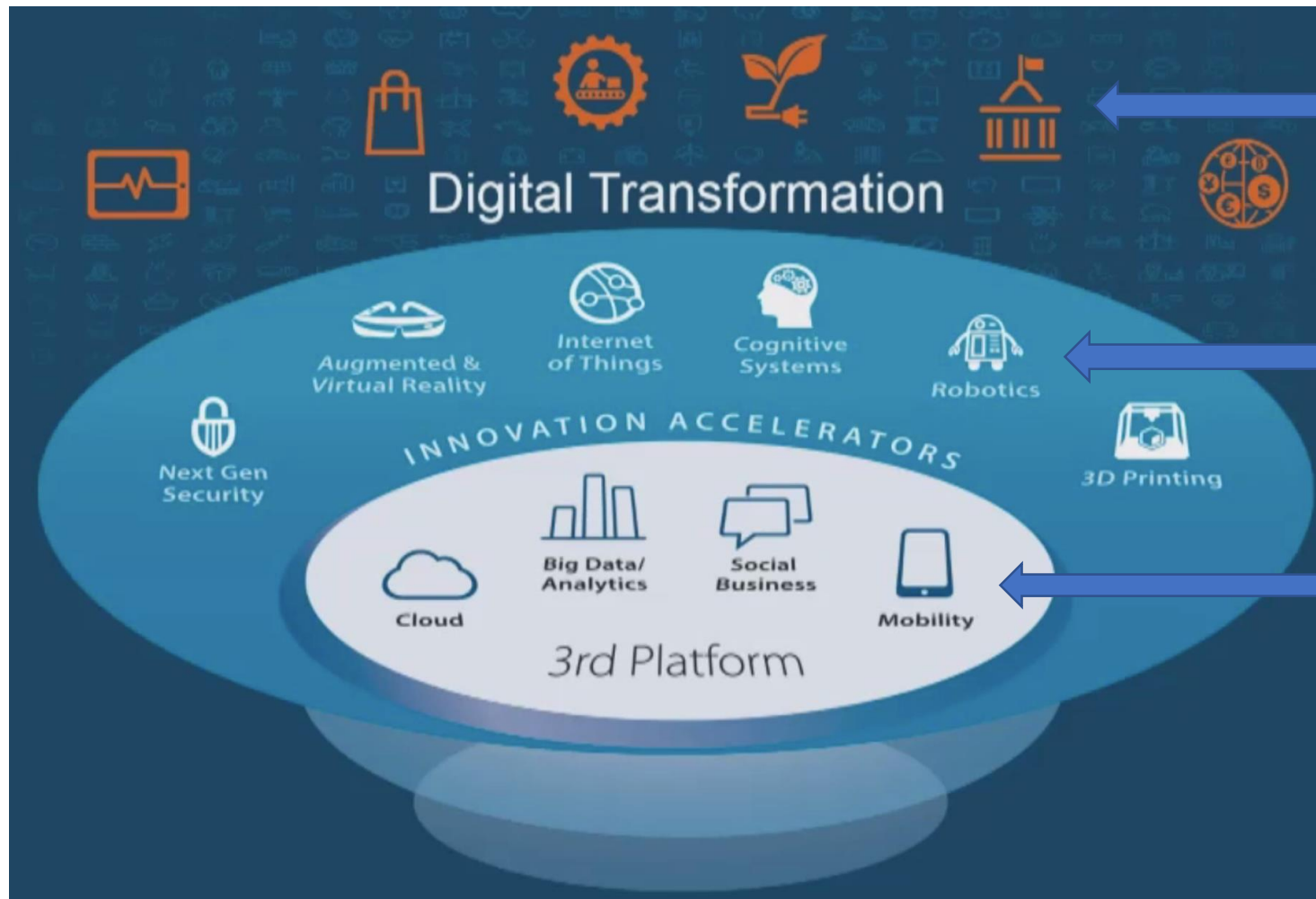
## Summer Schools

- 12 Topics
- Online Pre-assignment
- Top Lecturers and BDs
- Start Up factory
- Mixed Participation

## Professional School Cyber Security

- Berkley Executive
- Blended Master
- Teach the Teacher

# A Vision of Digital Transformation and Innovation: Core Technologies to Industries +



**Industries, Businesses  
and Public Institutions**

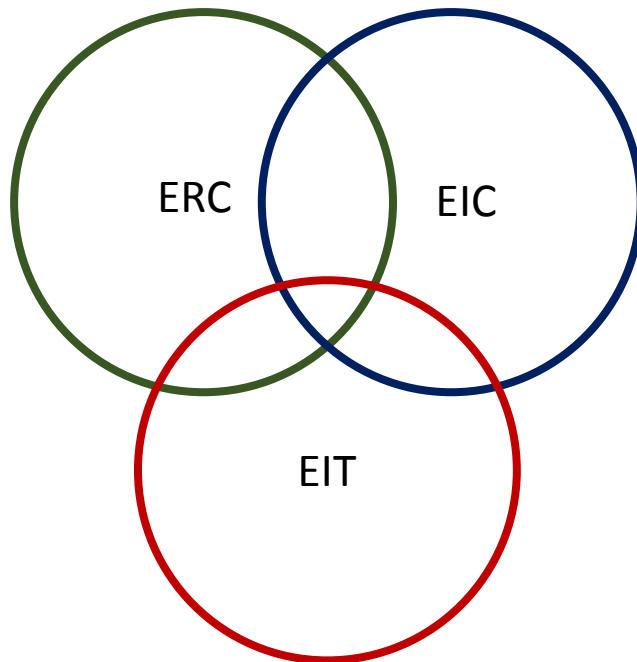
**Innovation Accelerating Technologies  
(Digital Innovation Drivers)**

**Platform Technologies  
(Digital Transformation Enablers)**

# A Movement from Open Innovation towards Disruptive Innovation

- Q bits
- Neural
- CO<sub>2</sub>
- Electricity
- Genetics
- Aging
- All (()) KICs have their disruptive challenges

# European Actors



All will contribute to Disruptive Impact



Digital  
MASTER SCHOOL

# EIT DIGITAL INDUSTRIAL DOCTORAL SCHOOL

*Tomorrow's Disruptive Deep Technology Innovators*



## Industrial Doctorates: A new Innovation/Education Infrastructure



- In DTCs based on innovation areas not on supervisor
- Topics proposed by industry after discussion with supervisor
- Financed by industry and EIT Digital
- Open recruitment of PhDs
- End of 2018 about 160 PhD candidates and about 50 PhDs examined
- KPI above 250 PhD candidates in 10 European DTCs

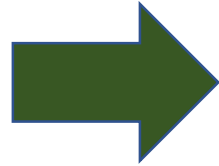
# Sustainability or the “bell curve” whip

- **Societal**
  - **Basic Research**
  - **High Percentage of Higher Education**
- **Economical**
  - **EIT apart from impact EIT should support itself not ERC and EIC**
- **Consequences for EIT**
  - **Not so many start ups**
  - **Many accelerators just on the other side of the Death Valley**
  - **Many Industrial Doctorates sponsored by major Companies**

# The People Centred Economy

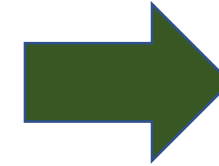
TO NINETIES

**Value of Creation**



NOW

**Value of Extraction**



FROM TWENTIES

**Value of Creation**

**Symptom: Excessive Share Buy Back**

# Innovation Portfolio

- Start Ups from Educational Programmes – Post Masters
- Accelerators from the local Industrial/Business eco-Systems – Business Developers
- High Impact Initiatives with major actors public and private – Technical Developers
  - Financial Tech
  - Health and Wellbeing
  - Urban Living and Mobility
  - Industry
  - Digital Infrastructure

# Sustainability

- **3 KICS on 3 billion**
- **8 KICS on 3 billion**

# THANK YOU



[masterschool.eitdigital.eu](https://masterschool.eitdigital.eu)

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EIT Digital is supported by the EIT,  
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**Tomorrow's Digital Innovators and Entrepreneurs**