



EIT - Making innovation happen

2018 Call for  
Proposals →

Find the latest information about the  
2018 Call

EIT Climate-KIC

EIT Digital Interdisciplinary and collaborative approach to develop strong education  
and R&D 'Grand Challenge Networks'

EIT Food →

EIT Health →

EIT InnoEnergy

EIT Raw Materials →

Sjoerd de Vries and Don Westerheijden

University of Twente representing EIT InnoEnergy and EIT Digital

EIT InnoEnergy: eBikeLabs wins at first European Forum Energy for Smart  
Mobility

# Background

- European Institute of Innovation and Technology: EIT InnoEnergy and EIT Digital
- Our role: What education do we need in 2020?

## Our Requirements

- **Data Driven Blended Personalized Education:** Use of data science and educational technology to develop efficient, effective and high quality lean education for the (integrated) master, doctoral and professional school
- **Community driven:** Education highly integrated in the EIT Eco system (EIT Digital Action Lines, if possible a Cross-KIC approach) Based on the continuous development of knowledge relationships between professionals, researchers, students and organizations.
- **R&D / E&I driven:** Fully integrated in the EIT (Digital) Action Lines. Educational contribute to the success of R&D / E&I of partner organizations
- **Certificate / Dashboard driven:** Certificates and dashboards for participants and organizations
- **Impact driven:** Open & blended education, Responsible Research & Innovation, ...
- **Business wise:** Sustainable, Flexible, Agile, Lean, Community Marketing, Social Reputation Monitor, Social CRM strategy, Quality Assurance, ...

# The Challenge Master

A challenge-driven personal master based on existing HE Master and Business R&D programs

**Master students:** Master certificates

**Professionals:** Professional Master / Doctorate Certificates

**Businesses and Universities:** Interdisciplinary and collaborative R&D

**Society:** Strong education and research networks and entrepreneurial and Innovative contributions to the Energy Transition

# EIT Challenge Master Highlights

- **Focus** is on Grand Challenges, for instance the Energy Transition
- A **personal** (professional) master **curriculum** based on:
  - existing courses in master curricula,
  - capita selecta hosted by University Research groups and company R&D teams
  - and the final Challenge Thesis
- **Partners:** Universities, research institutes, industries, governments, etcetera
- **Challenge Research Community:** Courses, Capita selecta, Winter / summer schools, Work conferences, Masterclasses, Design meetings, ..
- **Lifelong Education:** Higher Education Certification Framework
- **Good practice and future opportunity:** Development of the first EIT Challenge Master 18-19



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