



**IMT Atlantique**  
Bretagne-Pays de la Loire  
École Mines-Télécom

# CAPACITY BUILDING

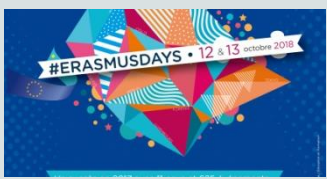
# EASTEM



## Euro-Asia collaboration for enhancing STEM education Facilitating competence integration in line with Industry 4.0

STEM: Science, Technology, Engineering, and Mathematics  
ASEAN: Association of South East Asian Nations

### #ERASMUSDAYS



Contact :  
**Siegfried Rouvrais**

### Partners

#### Europe

Uppsala Universitet  
Vilnius University  
IMT Atlantique



#### Vietnam

- Ho Chi Minh City University of Technology & Education, HCMUTE
- University of Sciences HUE University, HUS
- Hung Yen University of Technology and Education, HYUTE

#### Indonesia

- Del Institute of Technology, DEL
- Udayana University, UNUD
- Institut Teknologi Bandung, ITB
- Universitas Gadjah Mada, UGM

#### Thailand

- Chiang Mai University, CMU,
- Mahidol University, MU,
- Prince of Songkla University, PSU,

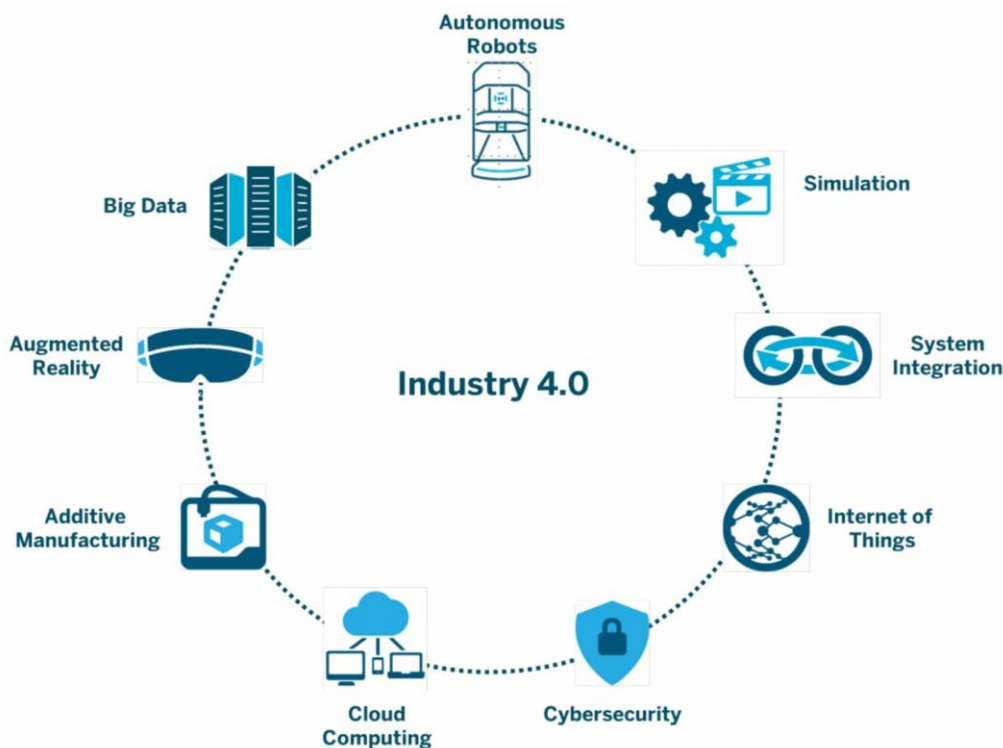
- ▶ High quality higher education is seen as a critical success factor for ASEAN countries in light of Industry 4.0
- ▶ **Capacity-building project** to support the modernisation, accessibility and internationalisation of higher education in Partner Countries
  - **development of professional skills** (such as teamwork, communication and leadership skills)
  - **quality of education** in relation to the demands of the job market, an employability



White Paper



## ASEAN 4.0: What does the Fourth Industrial Revolution mean



### EASTEM GOALS

- ▶ **EASTEM project** focuses on STEM education drawing from successful European strategies to address the skills gap, aim to strengthen student centered competence development taking a holistic but structured approach.
- ▶ **EASTEM project** aims to:
  - improving the quality of higher education,
  - developing new and innovative education programmes,
  - modernising higher education systems through reform policies

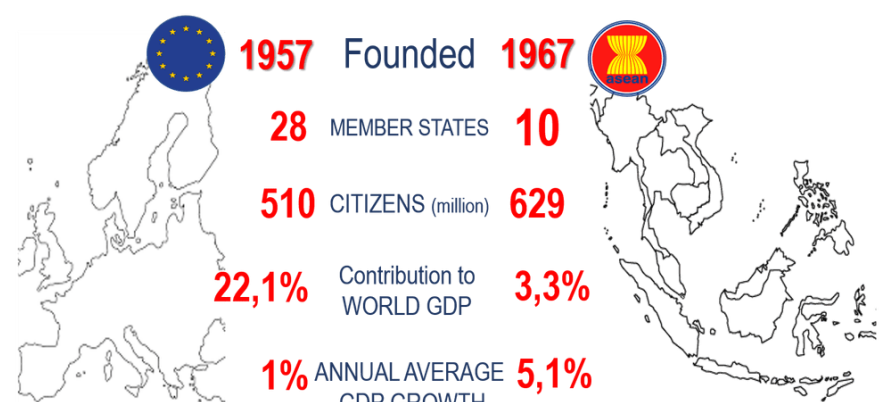
### Key informations

**Start** January 2019 – **End** : December 2021

**Programme:** Erasmus+  
**Key Action 2: Capacity Building**  
**EU Grant:** 999 000 EUR

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Image 1. The EU and ASEAN in numbers



Source: European Commission, Mission of the European Union to ASEAN. World Bank, World Development Indicators.