Better links between education, research and innovation

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Erasmus+ post 2020

- Relevance for HE
- Student mobility is essential but far from enough
- The program must respond to the core mission of HEIs
The knowledge triangle

• HEIs as drivers of the knowledge economy

• The Lamy report – where is Erasmus+?

• The skills gap is about competence and education
Synergy between education and research

• An underexploited potential

• MSCA ITN: Early stage research/PhD training. Established educational networks can be a starting point for early stage research training networks and vice versa

• Knowledge alliances (Erasmus+) and KICs (EIT; Horizon 2020) both address the knowledge triangle
  • Entrepreneurial master and PhD courses

• An “invisible wall” makes it hard to see the programs in connection with each other
Synergies in the future programs

• Cross-program thinking is essential – a holistic approach
• Reward projects that use various funding mechanisms to complement each other
• Develop calls specifically designed to fund activities linking education and research
• Make education program mobility funding easily available to rewarded research projects/networks to foster early student involvement in trans-national research cooperation
An example (funded by SIU)

- Satellite measurements in the Arctic – cooperation between the University of Oslo and Kobe University in Japan
- Starting point: Research project: 4DSpace
- Development
  - Workshops involving students and faculty (over 30 participants)
  - Students involved in research papers
  - Internships
- “Student exchanges and research should go hand in hand because one boosts the quality of the other” (professor Wojciech Milok, UOslo)

https://www.siu.no/front-page/For-the-media/News/Japan-Involving-students-in-hot-science