Wanted: working life oriented open university education

EUCEN conference / Mainz 7.-9.6.2017

Parallel session: Role and influence of stakeholders on the growth of permeability between VET and PHE

Satu Hakanurmi, University of Turku, Finland
Merja Karjalainen, University of Jyväskylä, Finland
Pilot: Bioeconomy and the environment

New brand: “The bioeconomy portfolio”

Orientation course (2 ECTS) and
variety of online courses from several universities (2-6 ECTS/course)
⇒ 2 ECTS – 136 ECTS
The aim of the ESF-project (2015-2018):
• Open HEIs organize **open studies and competence modules** based on the needs of working life
• Create a sustainable and agile **operations model** of working life oriented open university education **as a network**
• Nationwide cooperation network
  – Partners: 3 universities of applied sciences, 5 universities and 1 enterprise.
  – The project also cooperates with other HEIs, central labor market organizations, local companies and public sector organizations.
• **Three growth sectors facing structural change** – the three field-specific pilots
  – ICT
  – social services and health care
  – bioeconomy and the environment
"the needs of working life"

- Defining "bioeconomy" field
  - "Future wheal" - workshops with employers and instructors [https://www.jamk.fi/fi/Palvelut/Koulutus-ja-kehittaminen/Liiketoiminnan-kehittaminen/liiketoiminnan-suunnittelu/tulevaisuuspyora/](https://www.jamk.fi/fi/Palvelut/Koulutus-ja-kehittaminen/Liiketoiminnan-kehittaminen/liiketoiminnan-suunnittelu/tulevaisuuspyora/)

- Workshops, meetings, webinars, interviews to employers and trade organizations
- Collaboration with projects on bioeconomy competences
- Students theses and projects (competences and educational needs in the bioeconomy field)
Competences and educational needs in the bioeconomy field

Science
Science and research
Innovations and product development
Recycling, debris and recycling economy
Knowledge of the operational environment of bioeconomy
Environment
Agriculture and forestry
Energy
Entrepreneurship
Science and research
Internationalisation and language skills
Entrepreneurship
Recycling, debris and recycling economy
Innovations and product development
Science
ICT
Basic skills and work skills
Expertise vs. multiply skills
Internationalisation and language skills
Actions behind "the bioeconomy portfolio"
https://biotalousasiantuntijalle.wordpress.com/

"… open studies and competence modules”

- Orientation course 2 ECTS (Karelia UAS)
  - Moodle, 3 months, according to one’s own timetable, written and recorded materials
  - Content: definition and processes, main strategies ja politics, the future and new possibilities in bioeconomy, creation of my own bioeconomy portfolio

EUCEN 9.6.2017
Actions behind "the bioeconomy portfolio"

https://biotalousasiantuntijalle.wordpress.com/

"by the open HEIs as a network", "nationwide cooperation network"

• On-line enquiry to the HEI’s: “Does your university have on-line courses that could be included into the bioeconomy portfolio?”

• Variety of online courses from several universities (2-6 ECTS/course. Total of 136 ECTS

• New partners to the network
<table>
<thead>
<tr>
<th>OPINTOJAKSO</th>
<th>OP</th>
<th>ILMOITTAUTUMINEN</th>
<th>AIKATAULU</th>
<th>SUORITUSMUOTO</th>
<th>JÄRJESTÄJÄ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biotalouden mahdollisuudet -moduuli</td>
<td></td>
<td>15.3.-18.4.2017</td>
<td>15.5.-31.8.2017</td>
<td>Verkkototeutus</td>
<td>Hämeen ammattikorkeakoulu (avoin amk)</td>
</tr>
<tr>
<td>• Kestävä luonnonsaratalous</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Biomassat – ruokaa, raaka-ainetta, energiAA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Uusiutuva energia, energiatehokkuus ja materiaaliikkiräytys</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Climate Change and Air Pollution</td>
<td>5</td>
<td>2.1.-31.5.2017</td>
<td>2.1.-31.12.2017</td>
<td>Nonstop verkko-opintoja</td>
<td>Lahden ammattikorkeakoulu (avoin amk)</td>
</tr>
<tr>
<td>Ekotoksikologian perusteet ja akvaattinen ekotoksikologia</td>
<td>5</td>
<td>24.6.-8.8.2017</td>
<td>8.8.-29.9.2017</td>
<td>Verkkototeutus</td>
<td>Helsingin yliopiston avoin yliopisto</td>
</tr>
<tr>
<td>Finnish Culture and Nature Geography</td>
<td>3</td>
<td>15.3.-18.4.2017</td>
<td>15.5.-31.7.2017</td>
<td>Verkkototeutus</td>
<td>Hämeen ammattikorkeakoulu (avoin amk)</td>
</tr>
</tbody>
</table>

- 2 universities of applied sciences
- 3 universities
- 24 courses
- Total 136 ECTS credits
Experiences and feedback

• Orientation course: participants 50 + 75 + 150
  – Student profile: people with higher education working all over Finland and Europe and updating their competencies
  – Feedback has been positive and inspiring:
    • Participants have given a lot of feedback
    • Education without fees got positive feedback
    • More courses are needed among others about entrepreneurship in bioeconomics, financial and communication studies, lobbying…
    • ”Too general, too much concentrated in environmental problems”
    • ”I think course provided a positive picture of the future.”
    • ”There are a lot of possibilities in bioeconomy for economical growth in Finland as long as we see the possibilities and react”
    • ”Online learning was an excellent possibility to study while working.”
    • One entrepreneur realized she already was working in the field of bioeconomy
Wanted: new working life oriented open university education

• How to create new competence based moduls to the challenges of changing work and qualification requirements?

• Call for co-operation: webinars, seminars, forums?
  – Facebook group: Working-life Oriented Open University Studies https://www.facebook.com/groups/114874429106115/
  – Seminar in Turku 10 Oct 2017
  – EADTU workshop Milton Keynes UK 10/2017
  – AVOT-project final conference May 2018 (week 20 or 21)
Operating model of working life oriented open university education as a network

- The needs of new competence moduls
- Open universities network
- New curricula
- Guidance of the students
- Marketing
- Syllabus
- Administration (enrol, study fees, ICT-"right to use", ..)
- On-line courses, guidance, feedback
- Administration (registration of study attainments, certificates/badges)
Thank you!
@AVOThanke
#AVOTesr
avothanke.fi/in-english/