Oulu is Intelligent

- 5th largest city in Finland with ca. 190,700 inhabitants
- Population density ca 49.33 inhabitants/km², area 3,866 km²,
- Oulu’s growth is a classic story of how in Finland the public and private sector pull together” (The Financial Times 09/2007)
- In top 10 out of 75 cities in the EU survey on the quality of life (06/2007)
- The smartest community in Europe (Intelligent Community Forum 2012, 2013? )
- Among the 7 best new global cities for startups (Fortune 09/2012)
  - However has economic challenges
Oulu UAS in numbers

8000 students, 700 staff members

28 Bachelor’s Degree Programmes, of which

3 international degree programmes (Bachelor’s Degree Programme in Information Technology, Bachelor’s Degree Programme in International Business, Bachelor’s Degree Programme in Business Information Technology):

10 Master’s Degree Programmes

170 international partner universities: About 280 international degree students:

250 students went abroad to study or complete their practical training in 2013:

300 foreign exchange students arrived at Oulu UAS in 2013:

Staff had 307 working periods abroad in 2013:

158 foreign lecturers/experts to Oulu UAS in 2012:

Staff/teacher exchange weeks and international events yearly:

International research and development projects 12, several under preparation:

Several product blanks for education and competence export under productisation
Annual intake in 2013
Total 1391 (youth education)

School of Business and Information Management
Bachelor of Business Administration, BBA (Tradenomi)

School of Renewable Natural Resources
Argologist

School of Media and Performing Arts
Media Artist
Music Pedagogue
Musician
Dance Teacher

School of Health and Social Care
Biomedical Laboratory Technologist
Emergency Nurse
Physiotherapist
Registered Nurse
Public Health Nurse
Midwife
Rehabilitation Counsellor
Optometrist
Radiographer
Bachelor of Social Services
Dental Hygienist
Occupational Therapist

School of Engineering
Bachelor of Engineering, BEng
Bachelor of Engineering
Bachelor of Construction Management

Annual intake in 2013 Total 1391 (youth education)
Oulu University of Applied Sciences – Oulu Innovation Alliance

Goals of OIA:
- Ecosystems with critical mass
- Innovations in practical use
- Increasing the funding for R&D
- Support for enterprises
- Creating start-ups
- New jobs

STRATEGIES:
- Oulu UAS
- Regional Development Plan
- City of Oulu
- EU 2020

FUNDING SCHEMES:
- Structural Funds, Interreg, ENI
- Horizon 2020
- TEKES,
- Erasmus +
- INKA programme

CENTRES OF INNOVATION

- Centre for Environment and Energy CEE
- Center of Internet Excellence CIE
- Center of Printed Intelligence PrintoCent
- Martti Ahtisaari Institute MAI
- Centre of Excellence in Health and Technology CHT

CENTRES OF INNOVATION

- Energy, natural resources and the environment
  - Construction and living in the North
  - Intelligent energy solutions
  - Sustainable natural resource economy
- Intelligent Learning
  - Virtual Advanced Learning Experience (VALE), Oulu Game Lab, Lab Export
- Innovative products and Services
  - Mixed reality
  - Immersive virtual reality
  - Printable biosensors
- Entrepreneurship and new business Operations
  - Business Kitchen, Business Incubator
- Future health and well-being
  - New services using skills related to well-being, information and communications technology as well as culture sector
Players in the Field of International Education of OUAS

Education & Research and Development

Vice-President
Team of Internationalisation:
- Head of Int'l Activities
- 2 International Relations Officers
- 4 full-time & 4 part-time International Coordinators at schools,
- 2 student representatives

Students
Peer Tutors
Incoming students,
Outgoing students,
Other students

Staff
Teachers, Teacher Tutors
Heads of Degree Programmes
Other staff

Student Union OSAKO & International Team

The Board and the President
Directors of the Schools
Mobility at Oulu University of Applied Sciences
### Exchange students by country in 2013, top 21

#### Outgoing students (min 3 months)

<table>
<thead>
<tr>
<th>No</th>
<th>Country</th>
<th>Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Germany</td>
<td>22</td>
</tr>
<tr>
<td>2</td>
<td>Spain</td>
<td>15</td>
</tr>
<tr>
<td>3</td>
<td>United Kingdom</td>
<td>13</td>
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<tr>
<td>4</td>
<td>Thailand</td>
<td>13</td>
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<tr>
<td>5</td>
<td>Czech Republic</td>
<td>12</td>
</tr>
<tr>
<td>6</td>
<td>Belgium</td>
<td>10</td>
</tr>
<tr>
<td>7</td>
<td>Portugal</td>
<td>10</td>
</tr>
<tr>
<td>8</td>
<td>Sweden</td>
<td>9</td>
</tr>
<tr>
<td>9</td>
<td>Japan</td>
<td>8</td>
</tr>
<tr>
<td>10</td>
<td>Netherlands</td>
<td>7</td>
</tr>
<tr>
<td>11</td>
<td>Italy</td>
<td>7</td>
</tr>
<tr>
<td>12</td>
<td>Kenya</td>
<td>7</td>
</tr>
<tr>
<td>13</td>
<td>United States</td>
<td>5</td>
</tr>
<tr>
<td>14</td>
<td>Austria</td>
<td>5</td>
</tr>
<tr>
<td>15</td>
<td>Canada</td>
<td>5</td>
</tr>
<tr>
<td>16</td>
<td>Republic of Korea</td>
<td>5</td>
</tr>
<tr>
<td>17</td>
<td>Hungary</td>
<td>5</td>
</tr>
<tr>
<td>18</td>
<td>Indonesia</td>
<td>4</td>
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<tr>
<td>19</td>
<td>Tanzania</td>
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<tr>
<td>20</td>
<td>Denmark</td>
<td>3</td>
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<tr>
<td>21</td>
<td>China</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Incoming students (min 3 months)

<table>
<thead>
<tr>
<th>No</th>
<th>Country</th>
<th>Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>France</td>
<td>34</td>
</tr>
<tr>
<td>2</td>
<td>Italy</td>
<td>26</td>
</tr>
<tr>
<td>3</td>
<td>Czech Republic</td>
<td>24</td>
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<tr>
<td>4</td>
<td>Spain</td>
<td>21</td>
</tr>
<tr>
<td>5</td>
<td>Austria</td>
<td>17</td>
</tr>
<tr>
<td>6</td>
<td>Belgium</td>
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<td>7</td>
<td>Slovakia</td>
<td>16</td>
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<tr>
<td>8</td>
<td>Republic of Korea</td>
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<tr>
<td>9</td>
<td>Netherlands</td>
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<tr>
<td>10</td>
<td>Portugal</td>
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<tr>
<td>11</td>
<td>Hungary</td>
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<tr>
<td>12</td>
<td>Germany</td>
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<tr>
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<td>Poland</td>
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<tr>
<td>14</td>
<td>Greece</td>
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<tr>
<td>15</td>
<td>Russia</td>
<td>5</td>
</tr>
<tr>
<td>16</td>
<td>Japan</td>
<td>4</td>
</tr>
<tr>
<td>17</td>
<td>Romania</td>
<td>4</td>
</tr>
<tr>
<td>18</td>
<td>Slovenia</td>
<td>4</td>
</tr>
<tr>
<td>19</td>
<td>Lithuania</td>
<td>2</td>
</tr>
<tr>
<td>20</td>
<td>Ireland</td>
<td>2</td>
</tr>
<tr>
<td>21</td>
<td>Namibia</td>
<td>2</td>
</tr>
</tbody>
</table>
Additionally one (1) student from Afghanistan, Algeria, Angola, Ecuador, Italy, Kazakhstan, Lithuania, Moldova, Singapore, Togo and Venezuela. Total number of international degree students 313 (09/2013)
Our co-operation interests in internationalisation

- Strengthening existing well-functioning co-operation with good partners
- Finding new good partners
- Multidisciplinary co-operation agreements including not only mobility, but also other forms of co-operation
  - i.e.
    - Student / trainee, teacher and staff exchange
    - Joint teaching and curriculum development and joint/double degrees
    - All kinds of collaboration within Erasmus +
    - International Research and Development projects
Thank you and have a nice week in Oulu

Allan Perttunen
Head of International Activities
allan.perttunen@oamk.fi
Tel: +358505290988
Finnish Education System

<table>
<thead>
<tr>
<th>ISCED Classification</th>
<th>Finnish education classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 Postgraduate education</td>
<td>8 Postgraduate education</td>
</tr>
<tr>
<td>5 Higher education</td>
<td>7 Master’s degrees</td>
</tr>
<tr>
<td>4 Post-secondary non-tertiary education</td>
<td>3 Secondary education</td>
</tr>
<tr>
<td>3 Secondary education</td>
<td>1 &amp; 2 Basic education</td>
</tr>
<tr>
<td>1 &amp; 2 Basic education</td>
<td>0 Pre-primary education</td>
</tr>
<tr>
<td>0 Pre-primary education</td>
<td>0 Pre-primary education</td>
</tr>
</tbody>
</table>

FINNISH EDUCATION SYSTEM

- Doctoral Degrees
- Licentiate Degrees
- Professional Master’s Degrees
- 3 years’ work experience
- Bachelor’s Degrees
- Universities
- Bachelor’s Degrees
- Universities of Applied Sciences
- Vocational qualifications and special vocational qualifications
- Work experience
- Matriculation examinations
- Upper Secondary Schools
- Vocational qualifications
- Vocational institutes and apprenticeship training
- Basic education
- Compulsory education 7-16 years
- Pre-primary education
- 6-7 years
Topical Issues in 2014

- Increasing mobility (motivation, attitudes, support services)
- Increasing and improving teaching in English
- How is internationalisation taken into account in the contents of the degree programmes? Curricula reform and development: competences, learning outcomes
- Increasing co-operation between internationalisation and research and development activities
- Promoting international co-operation with enterprises = joint projects
- Improving the integration of international students
- Increasing the international competence of the staff at all levels
- Education Export Future Learning Finland -clusters
Oulu

» "Oulu’s growth is a classic story of how in Finland the public and private sector pull together” (The Financial Times 09/2007)

» "As well as the principal research and development offices of Nokia and 800 other high-tech companies, there are probably more PhDs per square meter in this compact old paper-milling town than anywhere else on earth.” (International Herald Tribune 11/2006)

» In top 10 out of 75 cities in the EU Eurobarometer on the Quality of life in European cities in 2006, 13th out of 83 cities in 2012

» The smartest community in Europe (Intelligent Community Forum 2012, 2013)

» Among the 7 best new global cities for startups (Fortune 09/2012)

» Challenges: structural change area > (youth) unemployment > economical downturn