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# BUGI Project Presentation

Kick-off Meeting of the Erasmus+ project  
586304-EPP-1-2017-BA-EPPKA2-CBHE-JP

Donja Gorica, Monday, December 11, 2017

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# WP1 PREPARATION



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- Lead organization: SWUAS
- Co-lead: UP
- Starting date: 15-10-2017.
- End date: 01-07-2018.
- 608 staff days- 62.114 Euro
  - 8 manager staff days
  - 410 teacher/researcher staff days
  - 190 administration staff days



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## WP1 aims

- To define what knowledge, skills, and competence workforce is missing at present state.
- To define knowledge, skills, and competence that students will need to have in the future for enterprising urban agriculture.



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# WP1 description

- This WP will deliver important information to design new curricula, infrastructure development and teachers trainings.
- According to national and regional priorities, study contents, learning outcomes and required competences will be defined (**Desktop research**).
- These will be further fine-tuned by implementing business models, consumer preferences and food chain analyses in partner countries thus proposing market oriented, revenue generating and job creating business models (**Surveys and desktop research**).



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# WP1 description

- At the first Consortium meeting (kick-off) 3 experts working groups will be constituted:
  - Business and networking (SWUAS lead)
  - Agriculture and food processing (UNIBO lead)
  - Urban planning, ecology, energy efficiency (UL lead).



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# WP1

- WP1 experts groups will desktop research existing national and EU documents on UA.
- International UA stakeholders interviews (online) to indentify global challenges, needs, required skills and competences.
- In partner countries will identify potential stakeholders and design and implement different surveys:
  - workforce skills needs,
  - consumers preferences,
  - exsiting food supply chains and
  - farms business models.



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# WP1 Indicators of progress

- **Present state**
- 3 national and 1 EU reports on action plans and strategies related to UA.
- 3 national reports on existing business models.
- **Future state**
- 1 document-“City-adjusted farm strategies in B&H, MN and XK” compressing all delivered reports is published and used for strategies development, campaigns and advocacy.



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# WP1 deliverables

- D1.1. Survey guide (15.11.2017)
- D1.2. Regional's and EU action plans and strategies (01.01.2018)
- D1.3. Farms business models in region (01.01.2018)
- D1.4. Food supply chains analysis (01.01.2018)
- D1.5. Consumers preferences surveys (01.01.2018)
- D1.6. City-adjusted farm strategies in B&H, MN and XK (**01.03.2018**)
- D1.7. Partners HEIs infrastructure and teacher's assessments-5 HEIs (01.07.2018)





## WP2 DEVELOPMENT



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- Lead organization: UNIBO
- Co-lead: UHZ
- Starting date: 01.03.2018.
- End date: 01.05.2019.



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## WP2 aims

- To developed master study curriculum and LLL programs utilising competence based learning methodology and fostering collaboration with entrepreneurial sector.
- To develop context-related competences descriptions and reference systems to assess, evaluate and evidence these competences and connection them to formal validation and accreditation systems (ECTS) and diploma supplement.
- To foster internationalisation and collaboration between partner HEIs and to provide learning flexibility and inter disciplinary approach.



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## WP2 description

- WP will establish 4 expert groups for curriculum writing and ECTS design.
- WP will discuss, propose and develop new study contents based on learning outcomes, to meet national and regional strategies according to the reports delivered in WP1.
- WP will design Diploma Supplement including description of competence.
- New curriculum will be based on practical work providing “real life experience” (problem oriented learning and team building).



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## WP2 - curriculum modules

- **Experts group 1: Agriculture and food processing.**
  - 1. Introduction to UA (history, origin, definition, types, principals, etc);
  - 2. Food production systems (organic, integrated, classic, hydroponic, soil based, vertical systems, roof tops agriculture, small plats agriculture, etc);
- **Experts group 2: Business, management and networking.**
  - 3. UA Entrepreneurship: Societal demands and business models (developing and implementing (urban) customer demands, business plans, marketing, financing, networking, communication, UA management, etc.);
- **Experts group 3: Urban planning, ecology, energy efficiency.**
  - 4. Urban planning and resources (UA-architecture, urban energy efficiency, ecology, resources and waste management, etc);
- **Experts group 4: ICT and technologies**
  - 5. Use of technologies and ICT in UA (micro controllers design and use, modern technologies in UA, use of software and app in monitoring of UA production, processing, marketing, and networking, etc).



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## WP2 deliverables

- D2.1. Curriculum draft
- D2.2. Learning projects design guide for teachers
- D2.3. Skills and competence evaluation guide
- D2.4. 5 Master study and LLL program elaborates
- D2.5. Module Placement Guide
- D2.6. Diploma supplement
- D.2.7. Multilateral inter-institutional agreement



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## WP3 DEVELOPMENT

- Lead organization: UL
- Co-lead: UDG
- Starting date: 01.04.2019.
- End date: 14.10.2020.
- WP2&3 EUR 502.310,90
- 1131 staff days EUR 106.298,00
  - 16 manager staff days
  - 815 teacher/researcher staff days
  - 30 technical staff days
  - 270 administration staff days
- Travel and costs of stay EUR 147.900,00
- Equipment EUR 235.000,00
- Subcontracting EUR 13.112,90



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## WP3 aims

- To facilitate transfer of knowledge, skills, technology and good practice in order to augment teaching staff expertise in the field teaching process, distance learning, competence based learning and professional field of expertise.
- To develop new teaching material and infrastructure needed to deliver hand-on experience.



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## WP3 description

- Based on curricula drafts (D2.1), the WP will deliver a report on teaching/training infrastructure and the level of teachers' knowledge and skills needed to meet defined learning outcomes.
- Report D1.7. will be used to design teachers training and study visits at program HEIs.
- WP will design and implement teachers training on competence based learning.





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## WP3 description

- WP will design and implement teachers' training for distance and blended learning courses. A guide for students and a manual for teachers about distance and blended learning will be delivered.
- According to the number and types of modules introduced in new curricula, equipment necessary to deliver hands-on experience will be purchased and installed at partners HEI.



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## WP3 description

- WP will design/purchase and provide new textbooks, tutorials, scripts and other teaching tools for partners HEI according to the number and types of modules introduced in new curricula.
- During **the project life** time 5 partner countries HEIs **will implement** pilot phase of new UA master study curriculum and LLL program. Each HEI will enroll up to 10 students in master study curriculum.



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# WP3 deliverables

- D3.1. Infrastructure and teachings staff assessment report (in parallel with WP1 and WP2)
- D3.2. Study visits and trainings
- D3.3. PBL and EL in competence based learning workshop
- D3.4. Distance learning guide, manual and workshop
- D3.5. Development of teaching/ training tools
- D3.6. Purchase and installation of equipment
- D3.6. Curriculum accreditation
- D3.7. Curriculum implementation (**start at 09.2019.**)