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## Short Presentation

### Erasmus+ PLANET project

**Title: Plan for Agriculture reNewable Energy Training**

**Grant Agreement: 591963-EPP-1-2017-1-IT-EPPKA2-SSA**

NFTPS meeting, Prague

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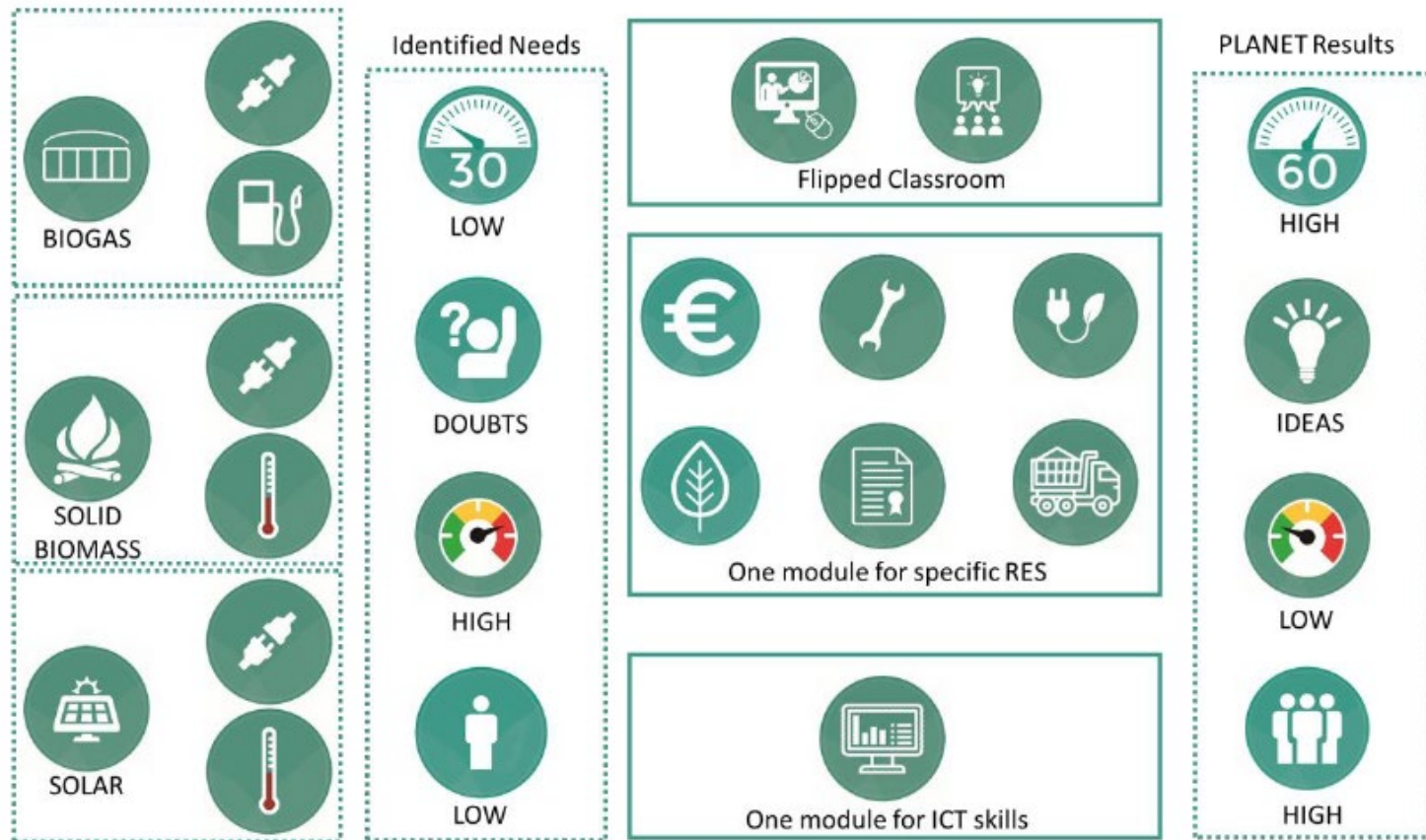
# Plan for Agriculture reNewable Energy Training

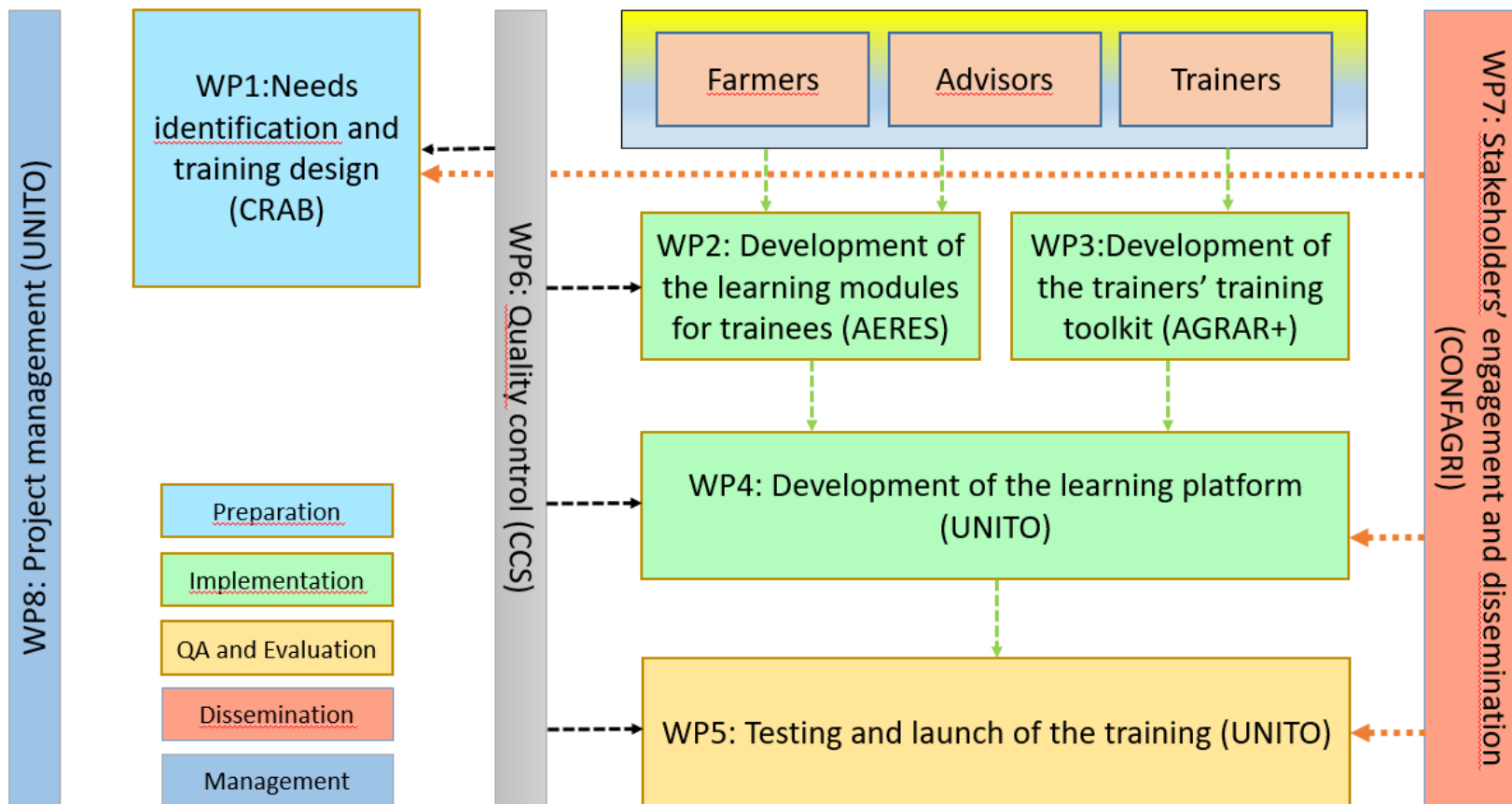
- Background:
  - Energy related jobs growth at double rate in Agriculture
  - lack of technical, management and legal skills needed to upkeep and maintain RES plants on a daily basis
- Objective:
  - Fill-in the gap with training:
  - Modular training - divided into four modules: 1) ICT skills, 2) biogas and biomethane, 3) solid biomass and 4) solar energy
- Training targets:
  - 1) farmers willing to invest in RES
  - 2) owners of RES plant to optimise its performance
  - 3) Advisors and Consultants
  - 4) students

# PLANET partners:

| Partner no | PIC       | Role                   | Organisation Name                                 | City                       | Country     |
|------------|-----------|------------------------|---|----------------------------|-------------|
| P1         | 999861936 | Applicant Organisation | UNIVERSITA DEGLI STUDI DI TORINO                  | TORINO                     | Italy       |
| P2         | 937878742 | Partner Organisation   | CONFEDERAZIONE GENERALE DELL'AGRICOLTURA ITALIANA | ROMA                       | Italy       |
| P3         | 955052495 | Partner Organisation   | INFOR ELEA  | SAN SECONDO DI PINEROLO TO | Italy       |
| P4         | 950790412 | Partner Organisation   | CORNELISSEN CONSULTING SERVICES BV                | DEVENTER                   | Netherlands |
| P5         | 948397810 | Partner Organisation   | Aeres Groep                                       | Ede                        | Netherlands |
| P6         | 984104480 | Partner Organisation   | AGRAR PLUS Beteiligungsges. m.b.H.                | St. Pölten                 | Austria     |
| P7         | 950598934 | Partner Organisation   | Österreichischer Biomasse-Verband                 | Vienna                     | Austria     |
| P8         | 966780086 | Partner Organisation   | TECSOL  | PERPIGNAN                  | France      |
| P9         | 921164963 | Partner Organisation   | CHAMBRE REGIONALE D'AGRICULTURE DE BRETAGNE       | RENNES                     | France      |

# Impact on performance, knowledge, risk and employability of trained people





# Target groups of the project

*Describe briefly how your project addresses this sector (max 500 characters) \*:*

Green jobs are growing at a double rate in Agriculture than other sectors. However they require management and maintenance skills to upkeep and maintain RES plants on a daily basis. PLANET action aims to tackle this need, providing training to 1) farmers willing to invest in RES, 2) owners of RES plant, 3) Advisors and Consultants, and 4) students increasing their employability and mobility. PLANET will lower the risks associated with RES business and foster RES plants uptake in agriculture.

# Training modules to be developed in 5 languages

- ICT Skills (general)
- Specific modules:

| Online Module          | Leader in charge of the module | Co-leader  |
|------------------------|--------------------------------|------------|
| 1) ICT basic skills    | UNITO                          | INFOR ELEA |
| 2) Biogas & Biomethane | CCS                            | UNITO      |
| 3) Solid Biomass       | AGRAR PLUS                     | ABA        |
| 4) Solar energy        | TECSOL                         | CCS        |

- Training will be offered through flipped classroom methodology – on line (10 weeks) and in class activities (4 weeks), plus some practical training (4 weeks)
- Also training for trainers – to spread the use of the material

# Expected results

- Full functional open source learning management system available in 5 languages (English, Italian, Dutch, German and French).
- 2. Complete training on how to manage and upkeep renewable energies plants made of 4 modules available through the open learning platform: 1) basic ICT skills, 2) biogas and biomethane, 3) solid biomass and 4) solar energy. The 4 training modules altogether will last 18 weeks (10 weeks on-line, 4 weeks in-class, 4 weeks work-based) however they can be taken separately. This structure will be available in 5 different languages: Dutch, English, French, German and Italian.
- 3. Complete training material for the trainers (English). Trainers will be able to access online a trainer toolkit, upon registration on the learning platform. They will receive a 2 weeks online training and an in-class training of 5 days. The trainer's toolkit will include documents on the flipped classroom methodology, on how to use the platform, discussion and in-class activities for instructors.
- 4. 20 trainers will follow the training, which 10 of them will come from non-participating countries → **we have to address these countries as well.**
- 5. At least 100 trainees will be trained during the experimentation phase, 30 in the continuing training (1/3 in each module) and 70 in the initial training. These trainees will act as disseminators of the class they follow, so they will help to enroll other people in training after the project completion.
- 6. ECVET accreditation material for the PLANET
- 7. communication plan



# Thank you for the attention!!

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