

UNIVERSITÀ
DEGLI STUDI
DI PADOVA

Erasmus+ Action KA1



BLENDING INTENSIVE PROGRAM (BIP)

PRECISION TOOLS FOR SUSTAINABLE AND WELFARE-FRIENDLY ANIMAL FARMING

ECTS: 8

COORDINATOR: Prof. Angela Trocino, Department DAFNAE, University of Padova
email: angela.trocino@unipd.it

Partner Universities:



VetAgro Sup



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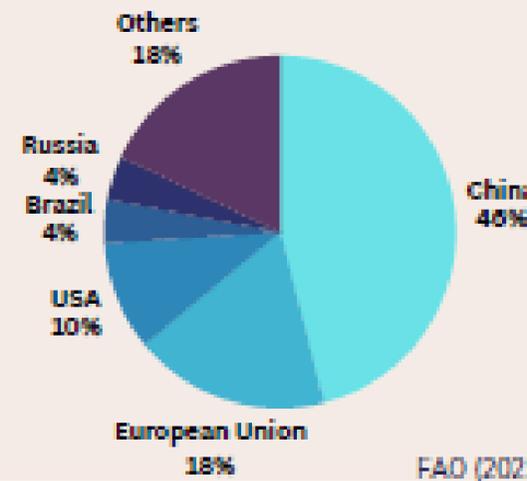
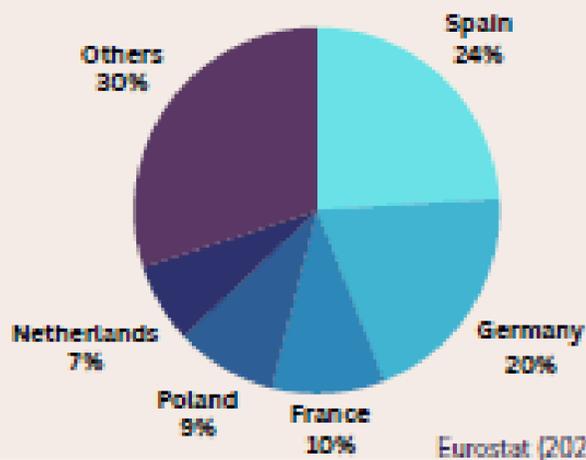
Statistic Data of IPP in EU



146 million pigs



50 billion euros



PROGRAM

WEEK 1

11 to 15 May 2026

ON LINE – 1 ECTS - SYNCHRONOUS

Positive as

quences:

Monday
11/05/2026

Animal Production Systems Overview
One Welfare and Sustainability Framework

Trainers: Prof. A.Trocino, Prof. E. Sturaro, Dr. F. Bordignon

Tuesday
12/05/2026

Introduction to Sustainable Development
Goals/Case study training

Trainers: Prof. A.Trocino, Prof. E. Sturaro, Dr. M. Berton,
Dr. F. Bordignon, Dr. C. Fanizza

Wednesday
13/05/2026

Development of the case study/infographic
about one animal food and associated
production system - group activities

Tutors: F. Bordignon, A. Ceppatelli, C. Fanizza, M. Boskovic
Cabrol, M. Molin, M. Pravato

Thursday
14/05/2026

Development of the case study/infographic
about one animal food and associated
production system - group activities

Tutors: F. Bordignon, A. Ceppatelli, C. Fanizza, M. Boskovic
Cabrol, M. Molin, M. Pravato

Friday
15/05/2026

Sharing of infographics
Contest for the best one

All students, tutors and professors

**Socializing in a Virtual
Environment**

**Sustainability
Challenges in Farming
Systems**

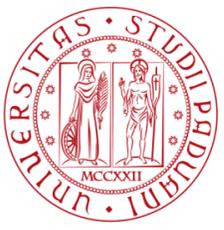
**Sustainable
Development Goals in
Animal Production**

Infographic Creation

Zoom meeting: h 17.30-19.30

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PROGRAM

WEEK 2

18 to 22 May 2026

ON LINE – 1 ECTS - SYNCHRONOUS

Monday

18/05/2026

Introduction to PLF in livestock farming

Trainers: Prof. P. Villate, Dr A. Michaud

Exploring current technologies in PLF - Part 1

Trainers: Prof. T. Norton

Collaborative mind map activity "Will PLF tools save farming in 2040?"

Trainers: Prof. P. Villate, Prof. A. Pezzuolo

Tuesday

19/05/2026

Exploring current technologies in PLF - Part 2

Trainers: Prof. T. Norton

Collaborative mind map activity "Will PLF tools save farming in 2040?" - group work

Trainers: Prof. P. Villate, Dr. A. Michaud, Dr. C. Rambaud, Prof. A. Pezzuolo

Wednesday

20/05/2026

Setting minds for Challenges of WEEK 3

Trainers: A. Golfdis, S. Willems

Economic implications of existing agricultural technologies - Group work

Trainer: Prof. P. Villate, Dr. A. Michaud, Dr. C. Rambaud, Tutors

Thursday

21/05/2026

Social implications of existing agricultural technologies - Group work

Trainer: Prof. P. Villate, Dr. A. Michaud, Dr. C. Rambaud, Tutors

Friday

22/05/2026

Presentation of group projects

A farm system in 2050: reflective insights

All students, tutors and professors

Socialising in a Virtual Environment

(Trainer: Lisa Griggio)

Potentials and Challenges of PLF tools in Intensive and Extensive Livestock Farming Systems

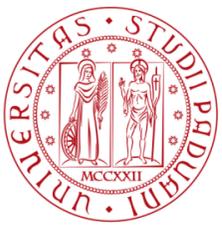
Social Impact of PLF tools on Farmers'

Activities

Zoom meeting: h 17.30-19.30

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PROGRAM

WEEK 3

25 to 29 May 2026

IN PRESENCE – 6 ECTS

Hotel residency, Campus of Agripolis

Monday

25/06/2026

Location: hotel

9-10.15 h Main challenges for sustainability in dairy production (Prof. E. Sturaro)

10.20-12:00 h Main challenges for welfare in poultry (Prof. A. Trocino)

12:00-13:00 h Presentation of the challenges for group activities focused on video, audio and sensor data (Dr. A. Golfidis, S. Willems)

13.00 h Lunch

14-18 h PLF in livestock farming: introduction, workshop and exercises focused on video data (Dr. A. Golfidis, S. Willems)

20 h Dinner: Pizza in Padova

Tuesday

26/05/2026

Location: hotel

9.00-10.30 h PLF in livestock farming: tools for environment (Prof. S. Calvet)

11:00-12:30h PLF and Smart Systems: the Digitization Issues (Prof. A. Pezzuolo, Prof. F. Marinello)

13.00 h Lunch

14-18h PLF in livestock farming: introduction, workshop and exercises focused on audio data (Dr. A. Golfidis, S. Willems)

19.30h Free time

Wednesday

27/05/2026

Location: Campus of Agripolis, Commercial farm

8.30-9 h Transfer to the Campus of Agripolis

9-10 h Main challenges for animal welfare in meat ruminants (Prof. G. Cozzi)

10-11 h Main challenges for animal welfare in swine production (Prof. F. Gottardo)

11-12 h PLF in livestock farming: tools for animal welfare (ruminants) (Prof. A. Cecchinato)

12.30 h Lunch at the canteen of Agripolis

14-18 h Technical visit to Stalla Zilio (Grantorto, PD) (Prof. A. Cecchinato)

19.30 h Dinner in the hotel

Thursday

28/05/2026

Location: hotel

9.30-12.30 h Group activities (Facilitators: A. Golfidis, S. Willems, Prof. S. Calvet)

13.00 h Lunch

14-15.30 Group activities

16-19 h Visit to Palazzo Bo and Cappella degli Scrovegni

19.30h Social Dinner in Padova

Friday

28/05/2026

Location: hotel

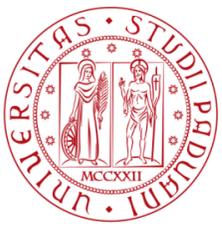
9.30-12.30 h Group activities (Facilitators: A. Golfidis, S. Willems, Prof. S. Calvet)

13 h Lunch

14-16 h Presentation of challenges results

16.30-17.30 h Final examination

18.30 h Free time



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PRACTICAL INFORMATION

MOODLE

Moodle, the e-learning platform at the University of Padua, supports traditional teaching methods by providing digital resources for instructors and students. Through Moodle, instructors can create and share course materials, facilitate communication, and administer assignments and messages

LOCATION

Classes during the on-site week will be given at Galzignano (Residence) and Campus of Agripolis. Located in Legnaro, around 10 kilometers from Padua, Agripolis is a campus of the University of Padua, accommodating different departments like DAFNAE, BCA, MAPS, and TESAF. In addition to lecture halls, Agripolis boasts facilities such as a veterinary hospital, an experimental farm, and teaching buildings where lectures, seminars, and practical sessions are conducted

EDUROAM

In the Agripolis Campus, Eduroam is a university service that provides secure and convenient internet access for students, faculty, and staff on Agripolis campus and at participating institutions worldwide. Users connect by configuring their devices with the Eduroam Configuration Assistant Tool (CAT) and authenticating with their university credentials. This service ensures seamless connectivity to online resources, including Moodle and other educational platforms

RESIDENCE

BIP program participants can stay at Galzignano Resort in Galzignano Terme (PD) during their visit to Padua. This hotel offers comfortable lodging and amenities, and is located 20-minute drive from the center of Padua, while Battaglia Terme railway station is just a 5-minute walk away. It provides a convenient and comfortable stay for students attending classes at Agripolis

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Syllabus:





PROFESSORS AND TUTORS



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Prof. Angela Trocino, DAFNAE, Coordinator of the BIP program, Teacher

Prof. Enrico Sturaro, DAFNAE, Co-responsible of the BIP and Teacher

Prof. Andrea Pezzuolo, TESAF, Co-responsible of the BIP and Teacher

Prof. Alessio Cecchinato, DAFNAE, Teacher

Prof. Giulio Cozzi, MAPS, Teacher

Prof. Francesco Marinello, TESAF, Teacher

Prof. Flaviana Gottardo, MAPS, Teacher

Dr. Francesco Bordignon, DAFNAE, Senior tutor

Dr. Marco Berton, DAFNAE, Senior tutor

**Dr. Lisa Griggio (UNIPD), Virtual Design curator, Leader of virtual exchange activities,
Supervisor of tutors**

Dr. Cecilia Fanizza, DAFNAE, Senior tutor

Dr. Andrea Ceppatelli, DAFNAE, Junior tutor

Dr. Matteo Molin, DAFNAE, Junior tutor

Dr. Mattia Pravato, DAFNAE, Junior tutor

Dr. Marija Boskovic Cabrol, DAFNAE, Junior tutor

VETAGRO SUP - ENSFEA

Prof. Paul Villate, BIP responsible ENSFEA, Teacher

Dr. Audrey Michaud, VETAGRO-SUP

Dr. Clémence Rambaud, VETAGRO-SUP

UNIVERSITAT POLITECNICA DE VALENCIA (UPV)

Prof. Salvador Calvet Sanz, BIP responsible UPV, Teacher

UNIVERSITÉ KU-LEUVEN (KU)

Prof. Tomas Norton, BIP responsible KU, Teacher

Dr. Antonis Golfidis, Trainer

Dr. Sam Willems, Trainer

UNIVERSIDAD COMPLUTENSE DE MADRID (UCM)

Prof. Rosa Maria García García, BIP responsible UCM

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