



E U R O P E A N A L L I A N C E

WP3 Research Days in Angers

How to develop an effective EU GREEN research network?" //

Workshop 8 - Interdisciplinarity: how do I manage interdisciplinarity within my cluster?

11.00-12.30 a.m., 28th of June 2023



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Interdisciplinarity: how do I manage interdisciplinarity within my cluster?

Sandra Wright (HIG)

SZYMURA Magdalena

BURSZTA-ADAMIAK Ewa

FANTUZZI Federica

ANTUNES Celia

BRANCO Sandra

ILHÉU Maria

KRAUZY-DZIEDZIC KATARZYNA

FRITEA Luminita

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Agenda

1. Presentation round, with short description of research area and topics/projects (10-15 min)
2. Example of interdisciplinary projects - why necessary? (10 min)
3. Workshop (in groups) on the gathering of partners to form a consortium (30 min)
4. Presentation of results and discussion (10-15 min)
5. Concluding remarks (5 min)

Interdisciplinarity: how do I manage interdisciplinarity within my cluster?

1. Presentation round of participants:

Describe your research area and any project you have been involved in where you had interdisciplinarity.

- Why did you have interdisciplinarity?
 - Advantages/disadvantages?

ABOUT THE PARTICIPANTS (presentation round)

DESCATHA Alexis, University of Angers (UA) alexis.descatha@inserm.fr

Medicine, posture (work-related injuries)

URBANIAK Jacek, *Uniwersytet Przyrodniczy we Wrocławiu (UPWr)* jacek.urbaniak@upwr.edu.pl

Biodiversity, vascular plants, metagenomics (microbiomes in soils)

BURSZTA-ADAMIAK Ewa, *UPWr* ewa.burszta-adamiak@upwr.edu.pl

Water-agri, Smart Water Domain (interdisciplinary project)

SZYMURA Magdalena *UPWr, dr hab. prof. uczelni* magdalena.szymura@upwr.edu.pl

Solidago (invasive plant species) and grassland biodiversity, interdisciplinary: cooperates with animal scientists (on sheep) and with soil science

KRAUZY-DZIEDZIC Katarzyna (Kasia), *UPWr* katarzyna.krauzy-dziedzic@upwr.edu.pl

Administration support for Aneta Wojdyło (prorektor), is originally organic chemist

BRANCO Sandra, *University of Evora (UE)* smbb@uevora.pt

Veterinary, forensic pathology, proposes that we work for *ONE HEALTH*

ANTUNES Celia, *University of Evora (UE)* cmma@uevora.pt

Biochemist, biomedical and health science, allergens, works in multidisciplinary team

FRITEA Luminita (Lumi), *University of Oradea (UO)*: milheu@uevora.pt

Pharmacy/biomedical field, Developing sensors to detect biological compounds (for medical purposes)

ILHÉU, Maria, *UE*, Department of Landscape, Environment and Planning milheu@uevora.pt

Professor, Ecology (aquatic) in combination with social sciences and the arts. Conservation biology – attitudes; how to involve people and make them aware. Has LIFE projects and regional projects

FANTUZZI Federica, *UParma* – federica.fantuzzi@unipr.it Diabetes, food science, (stem cells, pancreatic cells), obesity

2. Example of a project with external partners

Sandra Wright's project as an example

BIOVÄX Gävleborg



Transition to renewable energy in agriculture; the role of SME:s, universities and government bodies
– lessons from a regional project in Gävleborg, Sweden

Wang, Z., Sundström, A., Nilsson, P. and Wright, S.A.I.
University of Gävle, Sweden

Project duration and budget

12/2019 – 8/2023
8 million SEK

Aim

To strengthen the establishment and expansion of biogas production at the SMEs in the region by networking and creating a knowledge base



Overview of biogas plant in Värgråda-Herrijunga Biogas AB in Värgråda, Sweden

Collaboration with local biogas stakeholders to jointly develop sustainable solutions, fostering technological development, good financial turn-out, improved fossil-free residual products and enhanced social interaction



Overview of a local society with biogas developed, symbolizing the key concepts of the project. Drawing: Åke Wall.

Visits to local SMEs, to analyze the status of regional resources, local know-how and attitudes for biogas production, as well as and the need for intellectual and practical support



Project activities and results

- > 13 field trips for interviews with biogas producers in the region
- > 10 competence development meetings with target group
- > 3 study visits to leading biogas companies outside the region, 'Role models'
- > 2 workshops with Swedish biogas experts and politicians at different levels
- > 5 approved applications to *Klimatlivet* (funding) for regional biogas, in collaboration with the County Administrative Board
- > 1 map, visualizing regional potential for biogas production in local clusters
- > 1 computer model, adapted for the biogas technology that is present in the region
- > 1 report, risk analysis of biofertilizer from anaerobic digestion vs composting



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How do I involve external partners in my cluster / collaborative research projects?

1. Presentation round
2. Example of collaborative projects with external partners - why necessary?
3. **Workshop on the gathering of partners to form a consortium**

https://docs.google.com/spreadsheets/d/18Sz4nQdrgJaiR_5AQDb3US1rccFEZwaW/edit#gid=818631864

<https://drive.google.com/drive/folders/1I5NWhBnmFSDDMILPVeo2VetyJO9A559G>

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