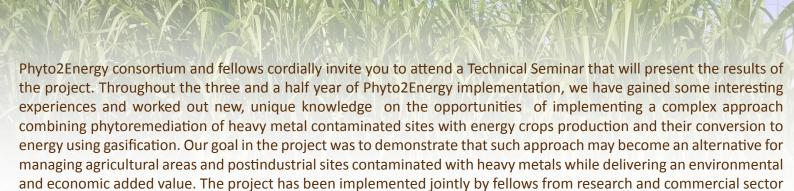
# INVITATION

# Phyto2Energy - Technical Seminar | 2nd October 2017

10:00-14:00 | Institute for Ecology of Industrial Areas

6, Kossutha St. 40-844 Katowice | Poland



### **SEMINAR OBJECTIVE**

The objective of the seminar is to present and discuss the results achieved after three and a half year of project implementation. In particular we would like to present:

from such countries as Poland, Germany and Romania under the flag of the 7th Framework Programme of the European

Union, in the frame of the Maria Currie – Skłodowska Action: Industry-Academia Partnership Pathways.

- Results concerning the applicability of the pre-selected energy crop species such as miscanthus (Miscanthus x giganteus), virginia mallow (Sida hermaphrodita), cordgrass (Spartina pectinata), and switchgrass (Panicum virgatum) for phytoextraction and phytostablisation and the associated biomass production
- Studies on the identification of plant growth promoting microorganisms as enablers accelerating plant biomass production and the clean-up of the contaminated areas
- Works on a prototype formula of a bioinnoculum stimulating biomass yield for phytoremediation purposes
- Results on converting the produced biomass into energy using gasification taking into account environmental and economic considerations.

Speakers at the seminar will be the fellows from IETU, Vita 34 BioPlanta, Probiotics Poland, HMGU, SUT and ISPE involved in the implementation of the project.

## WHO AND WHY SHOULD ATTEND

We extend our invitation to:

- students and researchers interested in renewable sources of energy, thermal conversion of biomass, heavy metal contaminated soil remediation,
- farmers interested to establish plantations of energy crops on low quality soils,
- contaminated sites owners,
- companies dealing with gasification equipment,
- biofuel producers,
- institutes and companies dealing with production of biological formula for biomass growth stimulation.

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## **AGENDA**

9:30 – 9:45	Welcome coffee
10:00 - 10:05	Welcome – dr Jan Skowronek - IETU Director
10:05 - 10:15	Introduction to the Phyto2Energy project
	Izabela Ratman-Kłosińska, IETU - Project Coordinator
10:15 – 10:30	Possibility of using energy crops for phytoremediation of heavy metals contaminated lands – three years experiences
	dr Marta Pogrzeba, IETU – WP1 Leader
10:30 - 10:45	Technical and economic aspects of field demonstration
	Kathrin Kopielsky, Vita34 BioPlanta – WP1 Fellow
10:45 – 11:00	The new bioinoculum: some aspects of development and evaluation
	dr Szymon Powałowski, Probiotics Polska -WP2 Fellow; prof Grażyna Płaza, IETU – WP2 Leader
11:00 – 11:15	Microbial response to heavy metals in rhizocompartments of Miscanthus x giganteus.
	Urska Zadel, HMGU - WP2 Fellow
11:15 – 11:30	Coffee break
11:30 – 11:45	Gasification process improvements, management and dissemination aspects –
	dr Sebastian Werle, SUT – WP3 Leader
11:45 – 12:00	Lab test and FTIR analysis
	Cristina Tomescu, ISPE – WP3 Fellow
12:00 – 12:15	TG analysis
	Cristina Tomescu, ISPE – WP3 Fellow
12:15 – 12.30	Fixed bed gasification and CBA (including environmental analysis)
	dr Valentin Rusu, ISPE – WP3 Fellow
12:30 – 12:45	Q&A
12:45 – 14:00	Light Lunch

## **REGISTRATION**

This seminar is REGISTER event and advance booking is required.

To attend, please RSVP by the following link until **28th September 2017**:

https://goo.gl/forms/Z9R3QgoWr8R3EM4u2

### MORE INFORMATION

For info about the project visit our web site – address above or contact us:

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