

## Welcome to the Eco-Friendly Energy Platform Challenge!

We believe that the work for a sustainable environment starts “at home” – and in our case at KTH. Today you will listen to renowned researchers presenting alternative energy solutions for a sustainable future. In line with the theme Global Challenges, we have chosen to make today’s event an environmentally conscious one.

We have elected to cooperate with Fågelängens catering; they work hard to cater events according to sustainable choices regarding sourcing, environment and society.

Today you will eat and drink: locally reared and certified organic beef, arctic char from Landösjön in Jämtland, herbs and vegetables from Österängen and Ekerö, oyster mushrooms from Harplinge, winter chanterelles from the forests nearby Mäläröarna, apples from Ivösjöbygden, apple juice from Ingarö, organic eggs from Linköping and potatoes from Bjäre.

Some vegetables and the wines are from outside Sweden, mostly from Europe but always organic, fair-trade or organic-certified like Caldora Montepulciano and Heba from Italy.

Sustainability is more than farming and transportation. We are serving today’s organic and fairtrade coffee in porcelain cups and not paper cups to reduce wastage; food waste will be recycled into biogas and the remaining garbage sorted rigorously. Two of the catering cars run on biogas.

The eco-friendly choice is often more expensive than the eco-unfriendly choice. But we believe that we should try to “live as we research!” In that spirit, the KTH Energy Platform aspires to make Energy Dialogue the most eco-friendly event possible, and we challenge the rest of KTH to do the same at their events!

The Energy Platform and Fågelängens catering hope you will appreciate our work and that the day also will be a delicious dining experience.

## The Energy Platform

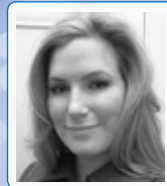
The role of the Platform is to create a culture of multi-disciplinary energy research and innovation at KTH. By fostering co-operation across the university's various schools and external partners, we support the synergies that enable KTH to play a substantive role in the development of sustainable energy systems.



## KTH ENERGY DIALOGUE

PROGRAMME 22 NOVEMBER 2012

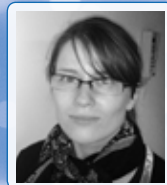
### The Energy Platform Team



**ELINOR FALKMAN**  
*Communication Coordinator*



**RAMON WYSS**  
*Director*



**JENNY WANSELIUS**  
*Administrative Coordinator*



**GÖRAN LINDBERGH**  
*Deputy Director*

We are delighted to welcome you to Energy Dialogue 2012, hosted by the Energy Platform.

We hope you will be:

- **Inspired** by our Ph.D student posters and vote for the best poster in the competition for the ABB sponsored first prize.
- **Enthralled** by our distinguished speakers around the subject of Global Challenges and New KTH Initiatives
- **Satisfied** by our eco-friendly food and wine.
- **Encouraged** to make new contacts during the times of socialising.

*Welcome to KTH and the future of energy!*

# Programme

## AGENDA MORNING SESSION

*KTH employees only*

Developing the Energy Platform. Workshops based on the roles and tasks described in The Terms of Reference

08:30–09:00 Coffee & Registration

09:00–09:15 Welcoming speech  
*Ramon Wyss*

09:15–09:50 Rewards and challenges  
*Johan Driesen from KU Leuven talks about his experience from working in a platform-like organisation*

09:50–10:00 Workshop kick-off information  
*Elinor Falkman*

10:00–12:30 Workshops  
*Six workshops discuss roles and tasks to be undertaken by the platform*

12:30–14:00 Poster session with lunch and mingle

**Venue**  
Presentations and award ceremonies: F2  
Poster session, food and mingle: Sing-Sing, Plattan  
Workshops: see separate info  
Wireless internet: KTH-Conference  
Password: WBaY5vZH

## AGENDA AFTERNOON SESSION

*External guests and KTH employees*

“Global Challenges and New KTH Initiatives”  
Moderator: Prof. Mark Howells

12:00–14:00 Registration

12:30–14:00 Ph.D Poster session and competition, with lunch and mingle  
*All participants are asked to vote for best poster*

14:00–14:15 Welcoming speech  
*Prof. Göran Lindbergh*

14:15–14:45 Global Challenges  
*Birgitta Palmberger, Head of dep. Energy Technology, Swedish Energy Agency*

14:45–15:15 KTH Research presentation – SweGrids  
*Prof. Rajeev Thottappillil*

15:15–15:25 Award Ceremony  
*Winner of Vattenfall energy award for best MSc thesis project in the energy field*

15:25–16:10 Coffee break and mingle

16:10–16:40 KTH Research presentation – Centre for Biosustainability  
*Ph.D Paul Hudson*

16:40–17:10 KTH Research presentation – Wind Centre  
*Assoc. Prof. Stefan Ivanell*

17:10–17:20 Award Ceremony – result from poster voting  
*Winner of Ph.D poster competition, sponsored by ABB*

17:20–17:30 Concluding remarks  
*Platform Director, Prof. Ramon Wyss*

17:30–20:00 Music, mingle and eco-buffet with locally cultivated food and organic wine  
*Music by: Director musices, Gunnar Julin*

## Speakers



**BIRGITTA PALMBERGER**  
*Head of department Energy Technology Swedish Energy Agency*

**Presenting on**  
“Energy Technology Research – key to the future.”



**RAJEEV THOTTAPPILLIL**  
*Professor*

**Area of Research**  
Electric Power Engineering

**Presenting on**  
“Power Components for the smart grid.”



**PAUL HUDSON**  
*Ph.D – Group Leader at KTH School of Biotechnology*

**Area of Research**  
Biofuels and cyanobacteria.

**Presenting on**  
“Can cyanobacteria produce cheap biofuels?”



**STEFAN IVANELL**  
*Associate Professor*

**Area of Research**  
Wind Energy Aerodynamics

**Presenting on**  
“Optimization of Large Wind Farms – a Key Element for better Profitability of Wind Energy.”

*Welcome to KTH and the future of energy!*

*Special thanks to our sponsors for your generosity and cooperation:*

ABB – First prize in the Ph.D poster competition

Vattenfall – Vattenfall Energy Award for best MSc thesis project in the energy field

