



Global Forum on Sustainable Energy  
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REGIONAL MEETING OF THE GFSE

## Energy between Danube and Caucasus

28th-29th of April 2011, Vienna

### Parallel Session 3: Streamlining Project Development in Renewable Energy and Energy Efficiency

 Austrian  
Development Cooperation

 **WKO**  
AUSSENWIRTSCHAFT ÖSTERREICH

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AUSTRIAN ENERGY AGENCY

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## Key Topics for the Discussion

### Developing and implementing RES and EE projects:

- Main barriers for authorization of RES plants and EE projects
- Experiences in overcoming administrative barriers and infrastructural bottlenecks related to EE and RES projects
- Plans and Activities for streamlining authorization procedures for RES and EE

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## Summary and Recommendations

- Ukraine:
  - **Large potential of bioenergy for energy production**
  - **Driving forces:**
    - Fast growing prices for the import of natural gas
    - Green tariff law (from 2009)
    - Well functioning JI procedur
  - **Barriers:**
    - Subsidized prices for natural gas especially for small customers
    - Lack of political will; no clear targets, action plans and responsibilities
    - insufficient subsidy schemes for biogas, heating from RES, co-combustion of biomass with coal
    - Risks of post Kyoto period, market pessimism
    - Market for biomass as a fuel is not developed

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## Summary and Recommendations

- How to tackle infrastructure bottlenecks?
- Large scale integration of RES (e.g. Wind, PV) needs investments in Transmission grids
- Volatile RES-generation needs additional Storage Capacities (e.g. pump storage plants)
- Decentral generation and supply structure is a main driver for the development of Smart Grids
- In the future: Demand Response measures with Smart Grid solutions

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## Summary and Recommendations

- Experiences of project developers:
  - difficult and time consuming licensing procedures
  - Financing the project development phase can be expensive and os of high risk
  - intransparent decisions regarding the permission of RES-plants
  - insufficient Harmonisation of technical standards
- Development of Guidelines for investors and Project developers
  - Documentation, necessary permissions, description of licensing procedures

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## Summary and Recommendations

- High potential for:
  - energy production from RES
  - increase of energy efficiency in different sectors
- Different approaches and developments in European Countries
- Regional and international cooperation and exchange of Know-how is important for the development of optimal framework conditions for RES and EE.