

industrie
export
innovation
kooperation



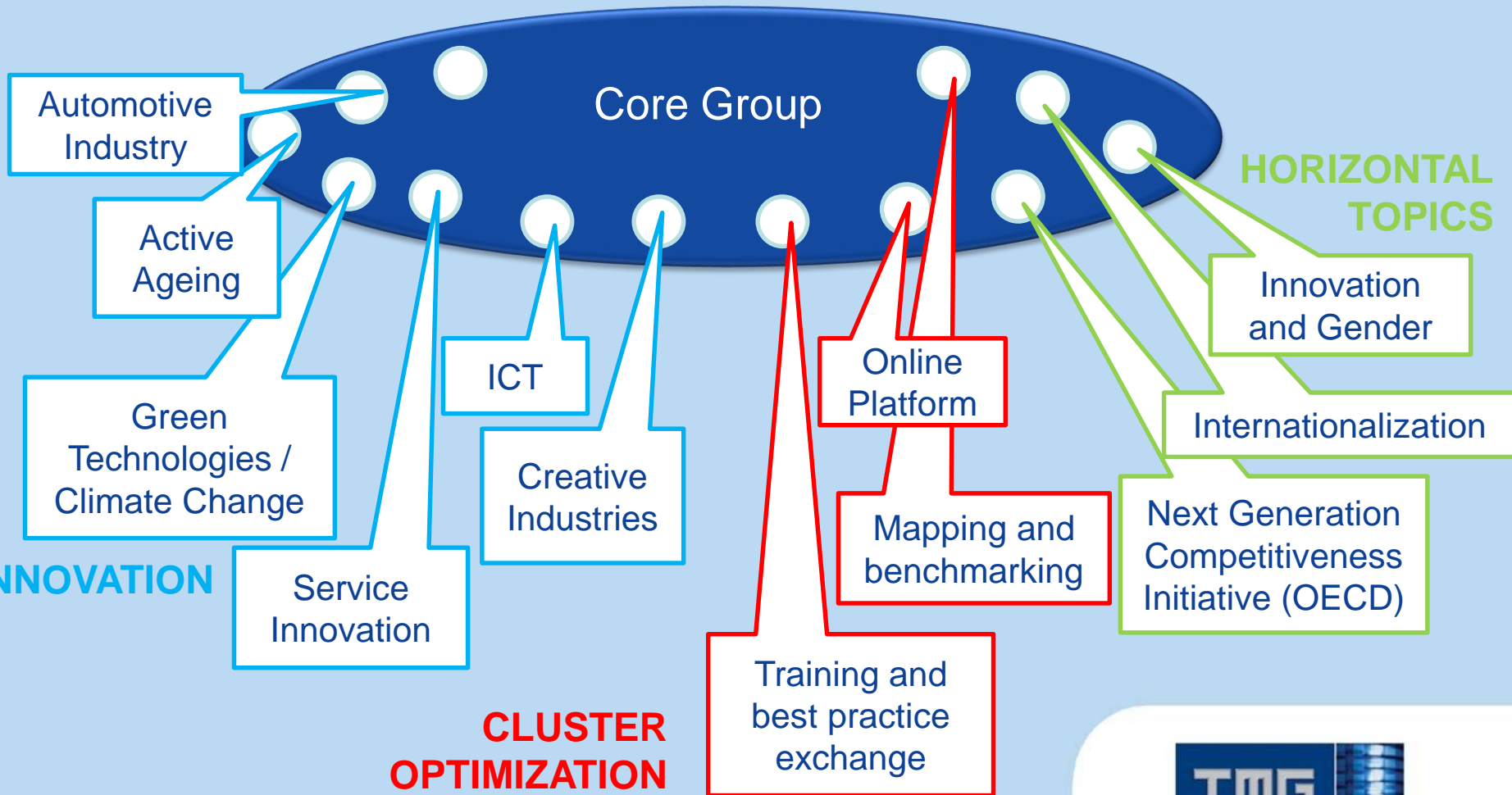
Dr. Sigrid Winkler

27 June 2014
Vienna, Austria

DanuClus
Working Group Clusters of Excellence
Speakers' Corner
EUSDR Annual Forum 2014

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DanuClus



30 April 2014, Vienna: Thematic Workshops

Project Ideas



- Smart Furniture Manufacturing
- Innovation & Gender/Diversity
- Connecting Manufacturing Industries
- Biomass: Green Chemistry Belt
- Cluster Optimization
- Strengthening Creative Industries



Connecting Manufacturing Industries



- Improvement of the European industry by integration of the trans-national value chains in all Danube countries
- Enabling the Danube Region to become European Best Practice: Automotive, ICT, Machine Building, Automation
- Set up of the biggest network of experts in technology driven industries to improve innovation and reduce unemployment
- The first version of the platform will be available end of May 2014
- Connected projects
 - ❖ Auto Park Bulgaria. Search for experts. Start: May 2014
 - ❖ DonauMotor. Set up of a “Super Cluster Technology”. Start: June 2014
 - ❖ DonauSchwaben. Connecting technology driven SME’s from Baden-Württemberg with SME’s and large companies in SEE. Start: March 2014
 - ❖ Automotive Cluster Bulgaria: Rollout of the cooperation with Automotive Clusters Partners till today: AC Serbia, AC Styria, AMZ Dresden

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Biomass: Green Chemistry Belt

YES, WE LINK



NEUE ROHSTOFFE FÜR DIE CHEMISCHE INDUSTRIE · www.GREEN-CHEMISTRY-BELT.de



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for **DanuClus**

- Identification of potential funding sources and relevant calls
- Report on Danube Region Programme
- Clarification of new State Aid rules for cluster projects in EU funded programmes
- Definition of specific objectives and scope of DanuClus initiative
- Start: April 2014
- Duration: 6 months



“Danube4AgroInd”

Danube Agro-Industrial Clusters Network



MoU - Germany, Croatia, Slovakia, Hungary, Serbia, Moldavia, Bosnia and Herzegovina (ongoing), Romania

LP: Steinbeis - Innovationszen

Sectors: agricultural machinery, agro-food, mechatronics, renewable energy, biotechnology, smart textile used in agro

Objectives: cross-sectoral collaboration for transfer of knowledge to more traditional industries

(PA 1, SO 1 of the Danube Transnational Programme, draft v.1.1)

Actions: joint agro-ind 3S, benchmarking – core competences, action plan, training (e-learning), branding – focus on internationalization (emergent markets), collaborative platform

Wien, 27.06.2014

MONITORING AND SIMULATION SYSTEM OF THE EROSION AND DESERTIFICATION FENOMENA IN THE DANUBE RIVER BASIN TO CREATE RESPONSE AND AMELIORATION STRATEGY

DANUBE RIVER BASIN

DATA ACHIZATION SYSTEM FOR
MONITORING SPECIFIC PARAMETERS OF
EROSION AND DESERTIFICATION

DEVELOPING AND IMPLEMENTING
MATHEMATICAL MODEL FOR EROSION RISK
AND DESERTIFICATION INTO INFORMATION
SYSTEM

DINAMIC MAPS ELABORATION FOR RISK
EROSION AND DESERTIFICATION

PROGNOSIS OF EROSION AND
DESERTIFICATION

DINAMIC MAPS FOR REMEDIATION
SOLUTIONS

AUTOMAT WARNING FOR PUBLIC
AUTHORITIES

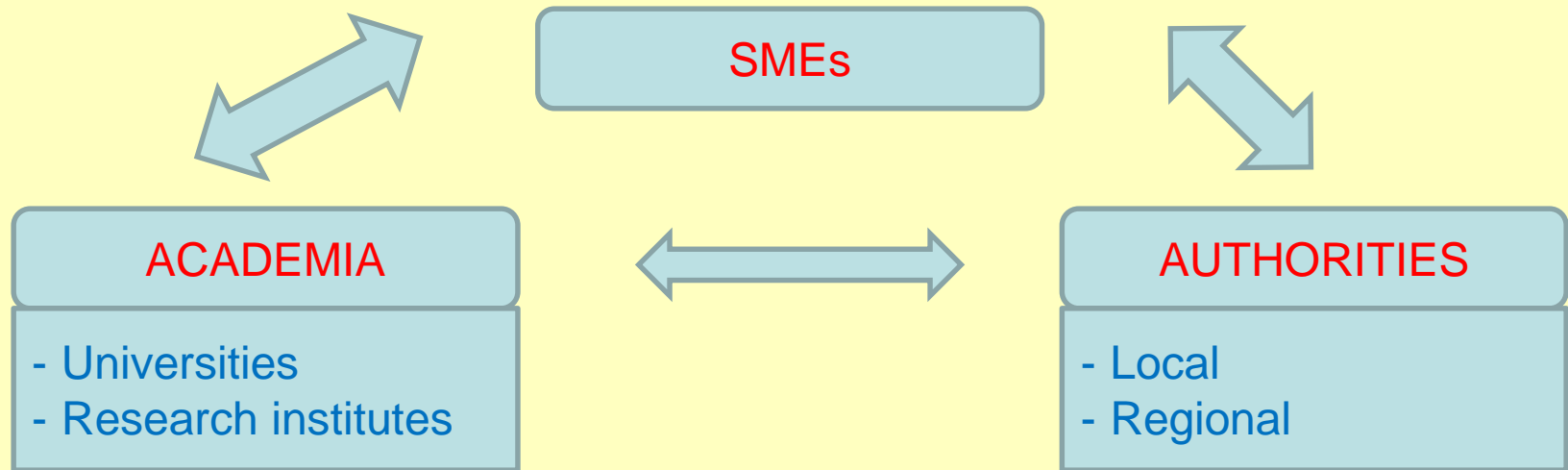
CLOUD COMPUTING

The system will be updated based on settings or on climate events using the fluvial and wind regime realized, the map of erosion risks and desertification. The color and / or the sound will symbolize the appearance of some emergence of critical areas

Library of antierozive and anti-desertification measures (land reclamation works, antierozive agricultural technologies, establishment of protective curtains, etc.)

The system will work in environment regional centers from the Danube River Basin

NETWORK FOR OBTAINING AND SUPERIOR CAPITALIZATION OF MISCANTHUS CULTURE



- **Knowledge transfer and superior capitalization of the Miscanthus culture:** renewable energy - biomass, construction, cellulose, agricultural landscape preservation in sensitive/ heritage area;
- **Development of the entire production chain:** from the manufacturers or vendors of agricultural machinery for carrying the culture technologies, farmers who obtain raw materials or biomass to produce heat or electricity and up to the end users of Miscanthus (for energy production and for fibers).

Q&A

Future Challenges of Clusters in the Danube Region?

More information on **DanuClus** ?

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