APPROACHES AND POSSIBLE PROJECTS
APPROACHES AND POSSIBLE COOPERATION PROJECTS

Approach I: Urban Design – Smart Cities

Approach II: Urban Planning and Mobility

Approach III: Spatial Planning on regional level

Approach IV: Green Tech Cluster Development
APPROACHES AND POSSIBLE PROJECTS
URBAN DESIGN – SMART CITIES

• Forcing energy optimised building structure
• Urban mixed used zoning categories (housing, offices, supermarket, schools, kindergartens)
• Protection of green space and creation of attractive public space
• Early stage of participation of local stakeholder and citizens
Aerotropolis Economic Civic Hub - Kempton Park
APPROACHES AND PROJECTS
URBAN PLANNING & MOBILITY

Aerotropolis Economic Civic Hub - Kempton Park
Improvement of public transport

- Optimize infrastructure and frequency
- Smart ticketing (1 ticket/App for different forms of mobility; adapt to peoples working and living space)
- Unique tariff-model in the region
- Special Regional Project:
  - Demand-oriented micro-public transport system
  - Hailed-shared taxi for the last mile
  - Connection to all public transport stations
  - Integration of local taxicab companies
Know how transfer Project E-Mobility, Multimodality

- Facilitate switch from private cars to alternative forms of mobility (public transport, biking, car-sharing, micro-public transport, walking)
- Multimodal nodes in the Metropolitan Area: Analysis, Concept, Implementation
APPROACHES AND POSSIBLE PROJECTS
URBAN PLANNING AND MOBILITY

BRT ROUTE
Approaches and possible projects
Spatial Planning

Regional Development Program

- Balancing various interests between conflicting subjects
- Definition of important socio-economic centres
- Setting out focus for further spatial development
- Defining priority areas for industry and commerce, agriculture, residential areas, green zones.
APPROACHES AND POSSIBLE PROJECTS
SPATIAL PLANNING

Regional working program:

VISION: ORGANIZE DYNAMICS

4 core themes

1. Regional cooperation
2. Business- & research locations
3. Mobility and environment
4. Quality of life & common welfare

Budget: 3.5 million € per year
Aerotropolis Economic Hub

- 5km, 10km and 15km radius
- Metro core
- Core support zone (nodes and corridors)
- Urban support zone
- Rural / agricultural zone

5km, 10km and 15km radius

- Metro core
- Core support zone (nodes and corridors)
- Urban support zone
- Rural / agricultural zone
AEROTROPOLIS ECONOMIC HUB

18 Billion euros of pipeline investment.
Green Tech Cluster
World’s 1st in Green Tech

205 Members (Resources, Energy, Building, …)

Representing the location Styria in the field of green technologies

Project partner for the city of Graz in Smart City projects

We got invited by the city of Graz to join the World Cities project to bring in a direct link to Styrian green tech companies
Global Cluster-Alliance with 12 Cluster
- Information Exchange
- “Services like home”
- ICN-Passport (Office-Space)
We got into contact with Advantage Austria Johannesburg and could activate Styrian companies to apply for the AGRI Water Challenge.

- Two Styrian companies were finalists and were invited to present their solutions two weeks ago in Cape Town.
- We could also establish a meeting between Fluvicon and Green Cape to present their technology for another water challenge regarding cape regions water crisis.
Cooperation between the Clusters and therefore between companies in Styria and the cape region got strengthened for future cooperation and common projects.

Directs contacts have been established:
- VTU Engineering, Ferrodecont, i-n-stein (Green Tech Innovators Club)
- SOLID, SFL Technologies (Company visits)
- Fluvicon, JR AquaConSol (AGRI Water Challenge)

Approach IV: Green Tech Cluster Development in Ekurhuleni / Gauteng
- Support by Green Cape and the Green Tech Cluster
RELATED ACTIVITIES IN GRAZ

- Company visit SFL-Technologies
- Company visit SOLID
- Green Tech Innovators Club
  - Chances for cooperation in South Africa
  - Several companies approached Jarrod for exchange
IMPRESSIONS EKURHULENI
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IMPRESSIONS GRAZ
THANK YOU FOR YOUR ATTENTION!