Šal’a region, waste management and vision for the future
Šaľa Region

Area: 355.9 km²
Inhabitants: 54 095 (1.1.2007)
Density: 152 obyvateľov na km²
Towns: 1
Villages: 12

MSW 20 000 tons/y (50% town Šaľa, 50% other villages)
Recyclables – paper, plastic, glass 5% of total volume
Green waste composting – 2000 tons/y
Waste management

• Each municipality is responsible individually for MSW management
• Waste management plan for whole republic expired – no update yet
• No regional integrated approach to waste management

Challenge
is to recognise and utilise local (regional) specific synergies of industry, Municipalities and Waste management companies

Big players here:
• SITA Slovakia (Suez group – France)
• A.S.A (F.C.C. group – Spain)
• Marius Pedersen (Veolia group – France)

WHY they do nothing???

Answer: They are more cost effective than environmentally effective
Šal’a region – synergies and possible development to W2E

Chance for synergies and integrated waste management

- Common approach on municipal regional level
- Negotiation with strong industrial partners
- (Duslo, Thermal plants, cement plants, Waste service provider...others?)

Duslo – chemical plant produces fertilizers and rubber (tyres) production additives
Important – incinerator with free capacity (Is there possibility to burn part of MSW? Nobody knows...)

1. W2E project can help at least to investigate and recognize possibilities of region
2. Look for synergies only inside but outside with other regions as well
3. Looking for better solutions as we have today
4. Finally to give to stakeholders and decisionmakers tool, which

To gives ideas how to proceed in waste management in order to achieve economical and environmental sustainability
...not Šal'a only...SK situation

What to do with this??? This year is new Waste law prepared
WtE Nehlsen – Stavenhagen (D)

El. En. – 10MWe
100 000 tons RDF /y
Steam is used in close plant for potatoes Chips production - Pfanni
WtE AVN Zwentendorf - Austria
MSW 300,000t/y – effective connection with thermal powerplant

Steam is from WtE delivered to thermal powerplant
Modern technologies in cement industry for Waste coprocessing

Burner PILLARD Rotaflam

Hotdisc FLS
WtE AVN Zwentendorf - Austria
MSW 300,000t/y – effective connection with thermal powerplant

Steam is from WtE delivered to thermal powerplant
Svensk Biogas – „Waste from citizens is going back in usable form“
E.ON – Norrkoping powerplant and co-incineration of waste
Thank you for your attention

...small people can do big things...

FISKEBY papermill – coincineration of industrial and municipal waste for energy for their paper production