

Demographic and behavioural change and its impacts on the provision of energy services

- presentation of proposal -

Information Day on Renewable Energy Technologies and Socio-economic Tools

Brussels, October 19, 2004

Oliver Nielsen (o.nielsen@prospektiker.es)



www.prospektiker.es

Demographic and behavioural change and its impacts on the provision of energy services

- ◆ **Project title**

"Demographic and behavioural change and its impacts on the provision of energy services"

- ◆ **Research area**

Social acceptability, behavioural changes and international dimension related to sustainable energy RTD

- ◆ **Instrument**

STREP

Demographic and behavioural change and its impacts on the provision of energy services

Research Objectives

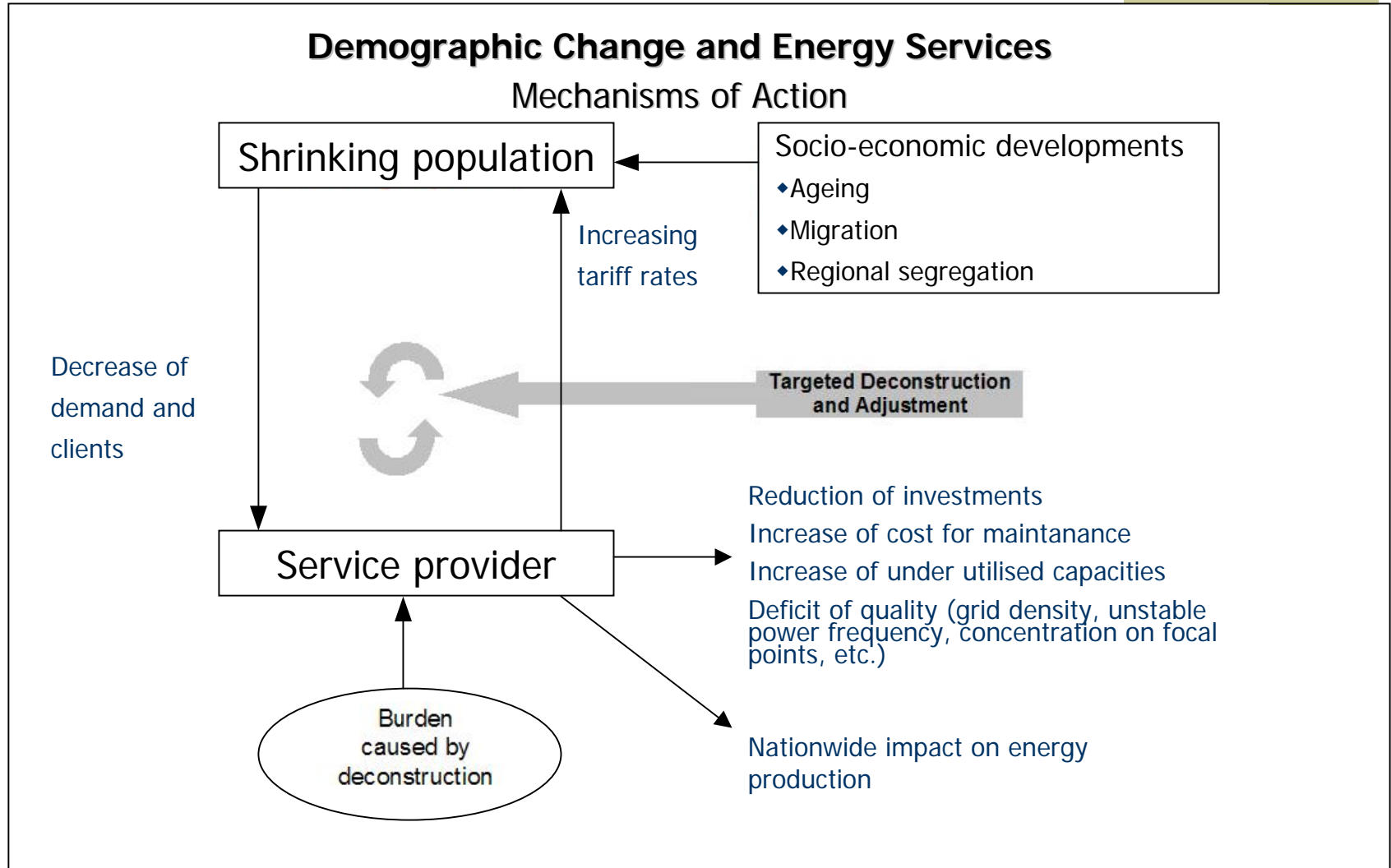
- ◆ Long term impacts of **demographic changes**, eg. ageing, segregation, migration, on energy demand in households and the service sector
- ◆ Future **consumption trends** and upcoming technology options for **Rational Use of Energy** and **demand management**
- ◆ **Public acceptance** and **learning processes** of renewable energy technologies
- ◆ Establish **dialogue** with energy service providers and users

Demographic and behavioural change and its impacts on the provision of energy services

Research proposal addresses various challenges to future energy system

- ◆ Increasing number of **one-person households**, due to ageing and other demographic changes, could lead to more **inefficient use of energy** resources in households
- ◆ The increasing number of (elderly people) in need of assistance creates **new demand for services** in field of energy, health care, security, etc.
- ◆ Energy service providers will design **new products** for specific customer groups to respond to **changing needs**
- ◆ Former **passive energy users** will turn into **active energy providers**, due to small-scale and mainly renewable energy production
- ◆ Regional disparities, due to migration and ageing, result in **asymmetric needs** for and provision of energy services and infrastructure

Demographic and behavioural change and its impacts on the provision of energy services



Demographic and behavioural change and its impacts on the provision of energy services

Partners



IZT, Germany

- ◆ Independent research institute
- ◆ Futures studies, socio-economic analysis
- ◆ www.izt.de



Enerdata, France

- ◆ Private consulting company
- ◆ Modelling, forecasting, energy analysis
- ◆ www.enerdata.fr



University of Tampere, Finland

- ◆ Department of Social Policy and Work
- ◆ Demographic change, sustainable dev.
- ◆ www.uta.fi



Prospektiker, Spain

- ◆ Private consulting company
- ◆ Prospective studies, energy analysis, sust. dev.
- ◆ www.prospektiker.es

Demographic and behavioural change and its impacts on the provision of energy services

Contact:

Oliver Nielsen

E-mail: o.nielsen@prospektiker.es

Tlf: +34 943 835704

