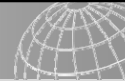


Context

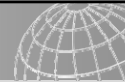
- political instability
- centralized system
- continental climate
- lowest energy efficiency in the world
- highly dependent on Russian gas





Challenges: policy, legislation and enforcement

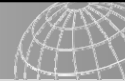
- legal obstacles
- no control of implementation
- tariff systems
- lack of institutional capacity



Challenges: financing and fiscal instruments

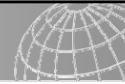
- no budgets
- no incentives
- access to credits and loans is difficult





Challenges: awareness, information, knowledge

- no awareness
- lack of knowledge on all levels
- no service providing / management culture
- outdated building stock and technical equipment
- supply oriented mentality
- no data about consumption and costs
- no transparency

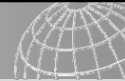


Approach

Bottom-up and Top-down > local solutions and national framework

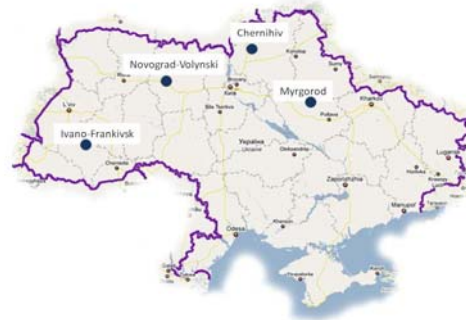
- development of concepts, strategies and implementation instruments
- capacity building and training
- setting up information and awareness raising campaigns



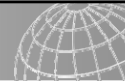


Local Level Activities

- developing an municipal energy plan
- implementation of an energy efficiency unit within the city government
- data collection about energy use and demand in buildings
- setting up a monitoring and reporting system
- information centers and public awareness campaigns

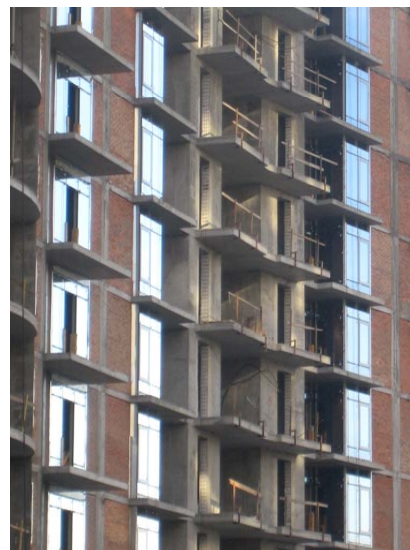


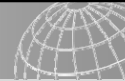
Pilot Cities



National level Activities

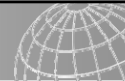
- assisting in developing laws and regulations, financial and fiscal instruments
- developing training modules for energy managers
- creating institutional capacity and a learning network





First Results

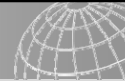
- energy managers training
- first drafts of municipal energy plans
- start of data collection
- start of awareness campaigns



Policy Consequences

- national level: new draft laws
> slow, inefficient
- local level
> try to move forward
regardless of the national
Government





Outlook

for energy saving preconditions
need to be set like

- consumption based billing
- possibility to influence energy consumption
- more capacity and financial means on the city level
- transparency
- awareness raising
- political support and incentives



Дякую за увагу!

