Sumgayit says YES (DA) to the CoM

Yes (Da) to the Covenant (‘DACO’) Kick - off meeting
Chieti / 15 February, 2012
City territory: 108 km²

- Distance away from capital Baku:
  - Motor road – 31 km
  - Railway – 40 km
SUMGAYIT
Industrial center of Azerbaijan

Foundation date:
22.11.1949

Population:
310.000
(along with internally displaced persons 365.000)

Density of population:
3656

Settling:
city - 89%
settlements - 11%
SUMGAYIT
Industrial center of Azerbaijan

Main fields of industry:
• Chemical and petrochemical industry
• Metallurgical industry
• Production of construction materials
• Food industry
• Textile
• The biggest power station in Azerbaijan
SUMGAYIT Energy sector

Estimated CO$_2$ emissions per sector in Sumgayit (2007)

- 60% Buildings
- 20% Municipal Infrastructure
- 10% Industries
- 10% Transport
SUMGAYIT Energy sector

Buildings

• Buildings are main consumers segment of energy in Sumgayit (huge industrial plants excepted)
• There are about 1200 residential buildings in the city
• Every flat is supplied with electric energy and natural gas meters
• Only 1-2 percent of buildings have central heating system
• The state program on restoring of central heating systems in the cities is under implementation in Azerbaijan
SUMGAYIT Energy sector

**Municipal infrastructure**

- The areas of public lighting, open spaces construction, water supply and sewage, as well as the landfills are the responsibility of the City administration.
- Sumgayit municipality owns one landfill site, where a CDM project is being implemented under the Kyoto Protocol to collect landfill gas.
- City lighting standards are based on the old GOSTs (Soviet government standards), that is why there is big energy efficiency potential in this system.
- The water and sewage system restore project started in the end of 2011 in Azerbaijan.
Transport

• Sumgayit used to have a well-developed network of public transportation: trams, buses, minibuses (“marshrutki”) and taxis. Over the last 20 years the structure has changed. Currently there is no more tram.
• The transport system is managed by the City Transport Department, a branch of the Ministry of Transport. Sumgayit is part of the Intelligent Transport system for greater Baku area and now benefits from several measures as a new traffic control centre, which will oversee and administer the traffic, parking and congestion in the whole peninsula.
• Other measures include the gradual enforcement of EURO 3 & 4 emission standards, the respective fuel standards on distilleries, and enforcement of vehicle certification by a national technical service.
SUMGAYIT
Energy sector

**Industry**

- There are 44 large industrial enterprises in the city, including chemical and petrochemical industry, ferrous and non-ferrous metallurgy, energy, machine building and instrument making, as well as small and medium enterprises for construction materials and food processing.
- The level of air pollution in Sumgayit is one of the highest in the country.
- Commissioned in 2008 the gas fired, 517 MW, Sumgayit power plant, replaced an old heavy oil fired plant. The new plant meets regional energy demand and improves air quality in Sumgayit.
THANK YOU
FOR YOUR ATTENTION