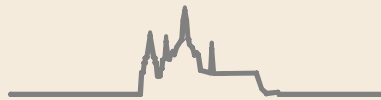


Prague Environmental Information System - ICT and data sharing in the service of a „City for Life“

Mgr. Petr Štěpánek, CSc.
Member of the City Council Board
City of Prague



PRAGUE – basic facts

- ❑ Number of inhabitants 1 212 097
- ❑ Area 496.1 km²
- ❑ Capital City of the Czech Republic (municipality)
- ❑ 1 of 14 regions of the Czech Rep.
- ❑ Administrative division 57 districts (boroughs)



More information in the conference set of documents



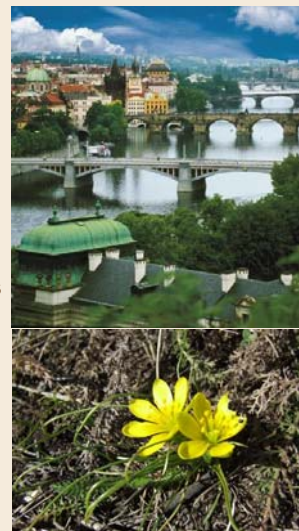
Environmental issues – strategy & daily management

- ❑ Programming Declaration of the City of Prague Council Board
- ❑ Strategic Plan of the City of Prague
- ❑ Master plans and policies (territorial development, transportation, energy, air quality, water management, greenery and nature conservation, waste, noise, education and training...)
- ❑ Prague City Hall
- ❑ Organisations established by the City
- ❑ Municipal Districts



Why information on environment?

- ❑ Availability of information on the City environment
= indispensable part of the City management and planning
- ❑ Principles
 - Access to information,
 - Public participation in decision-making
- ❑ Prague Environmental Information System
 - 20 years tradition
 - Started before the Aarhus Convention and its implementation into CZ legislation (1998)
 - Data collection from various sources, data processing and management, production of information outputs (yearly reports, websites, maps ...)
 - User groups: the City management, experts, citizens



Information outputs - publications

- ❑ Regular yearly reports
Yearbooks
Prague Environment
 - since 1989
 - printed,
later also on CD, website
 - in Czech + English
- ❑ CD/DVD
 - Issued since 1997
irregularly
 - Set of electronic
publications
 - Yearbooks, maps - Atlas,
Statistics,
thematic publications
(Air pollution,
Nature conservation,
Noise mapping etc.)



Towards eEnvironment, Prague, March 26, 2009


5

Internet - ENVIS


- ❑ ENVIS – Information service on Prague’s Environment
<http://envis.praha-mesto.cz>
<http://envis.praque-city.cz> (English)
 - Comprehensive information, basic facts, news,
guidelines, yearbooks, maps
 - links to other information sources

Towards eEnvironment, Prague, March 26, 2009

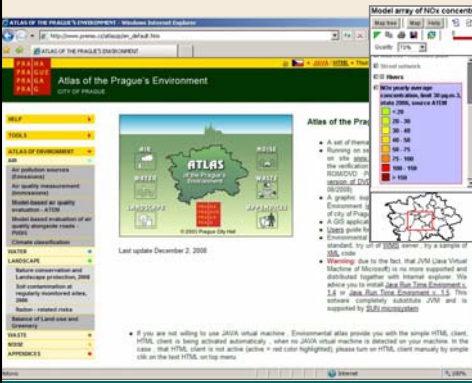
6

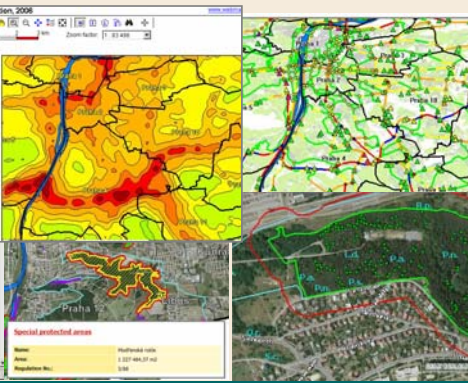


Internet - ATLAS




- ATLAS of the Prague's Environment**
<http://www.premis.cz/atlaszp>
<http://www.premis.cz/atlasen> (English)
 - Interactive geographical application based on dataset over 300 map layers
 - Set of 80 maps complementing the yearbook
 - Data from model calculations are included (air pollution, noise)






Towards eEnvironment, Prague, March 26, 2009


7

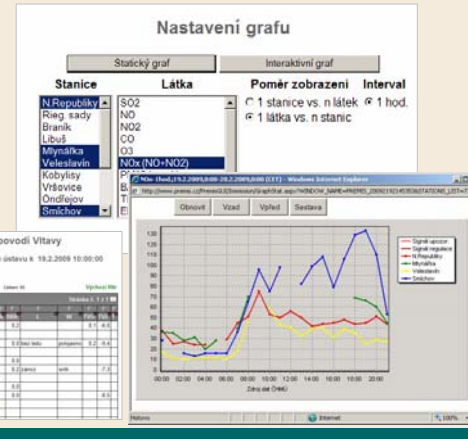


Internet - PREMIS



- On-line data from monitoring systems (CHMI)**
<http://www.premis.cz>
 - Air quality - Automated Immission Monitoring (AIM)
 - Hydrology (water levels) ...
 - Tables, graphs ...





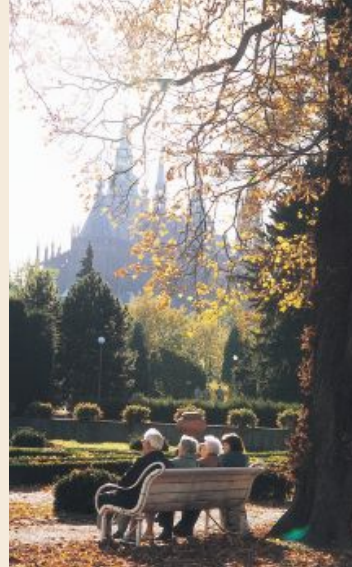
Towards eEnvironment, Prague, March 26, 2009

8

New challenges

- ❑ Increasing internet penetration and computer literacy (all generations)
- ❑ Broadband networks, mobile services
- ❑ Data warehouses, portal technologies, web services
- ❑ New methodology of information interpretation (indicators, standards)

- ❑ New services
- ❑ Integrated approach (data, services)
- ❑ Interoperability of systems and services
- ❑ Publicity and involvement of citizens
- ❑ Cooperation and experience sharing



Cooperation within the City of Prague and the Czech Republic

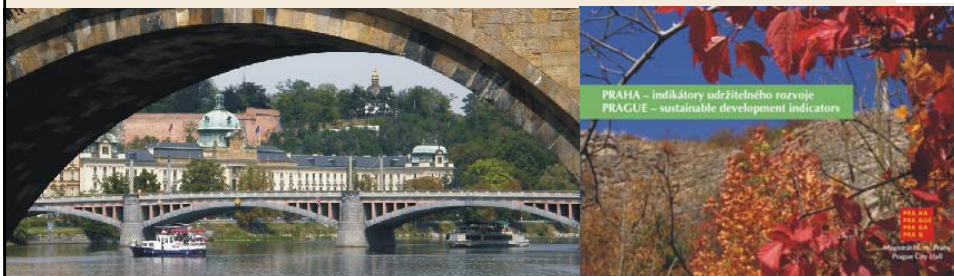
- ❑ Prague
 - Prague City Hall
 - City Districts
 - City established organisations (environment, urban planning, transportation, water management, waste mgmt., energy supply, education ...)

- ❑ Czech Republic
 - Czech Hydrometeorological Institute
 - Czech Statistical Office
 - Czech Office of Surveying, Mapping and Cadastre
 - National Institute of Public Health
 - Institute of Health Informatics and Statistics
 - Ministry of the Environment of the Czech Republic
 - CENIA – Czech Environmental Information Agency ...



EU Cooperation & Benchmarking

- ❑ Membership at the EUROCITIES Environment Forum
- ❑ Participation at international projects (Air For Europe, CITEAIR, Intecities ...)
- ❑ Participation at the European Green Capital Award (structured application documentation, indicators)



PRAHA - indikatory udržitelného rozvoje
PRAGUE - sustainable development indicators



Thank you for your attention!

