



Hungarian Ministry  
of Agriculture

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# EIONET NRCs Air Quality - Actualities

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*EEA EIONET workshop  
Budapest, 26<sup>th</sup> June 2019*

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## Hungarian EIONET - NRC Air Quality

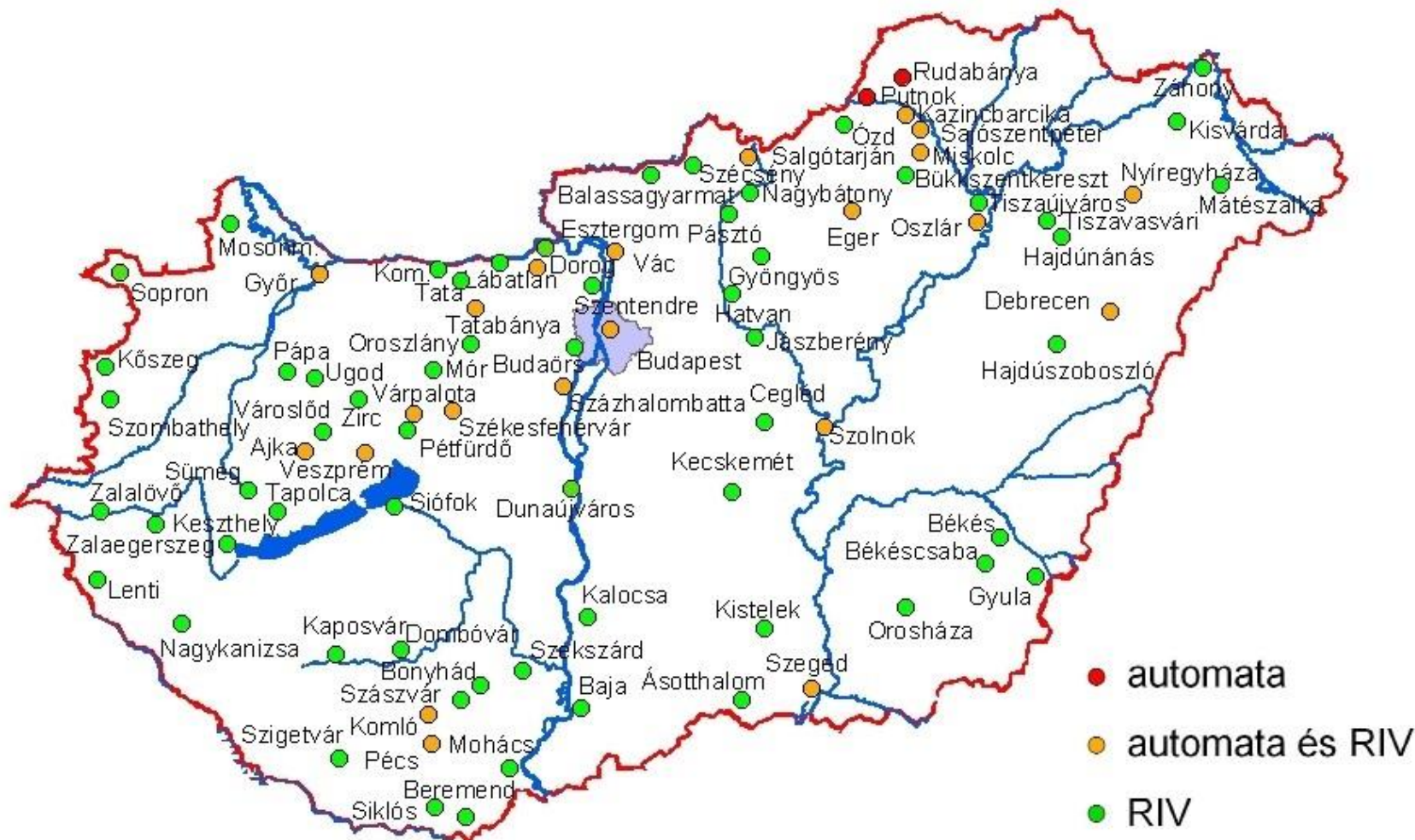
Ministry of Agriculture	Bibók Zsuzsanna
Ministry of Agriculture	<b>Dr. Varga Judit</b>
Hungarian Meteorological Service	Pappné dr. Ferenczi Zita
Hungarian Meteorological Service	<b>Puskás Mónika</b>
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KTI Institute for Transport Sciences Non Profit Ltd.	Szabó Ádám
KTI Institute for Transport Sciences Non Profit Ltd.	Parászka Viola
Herman Ottó Institute	Dr. Dobi Bálint
Herman Ottó Institute	Arany Diána

*PCP*



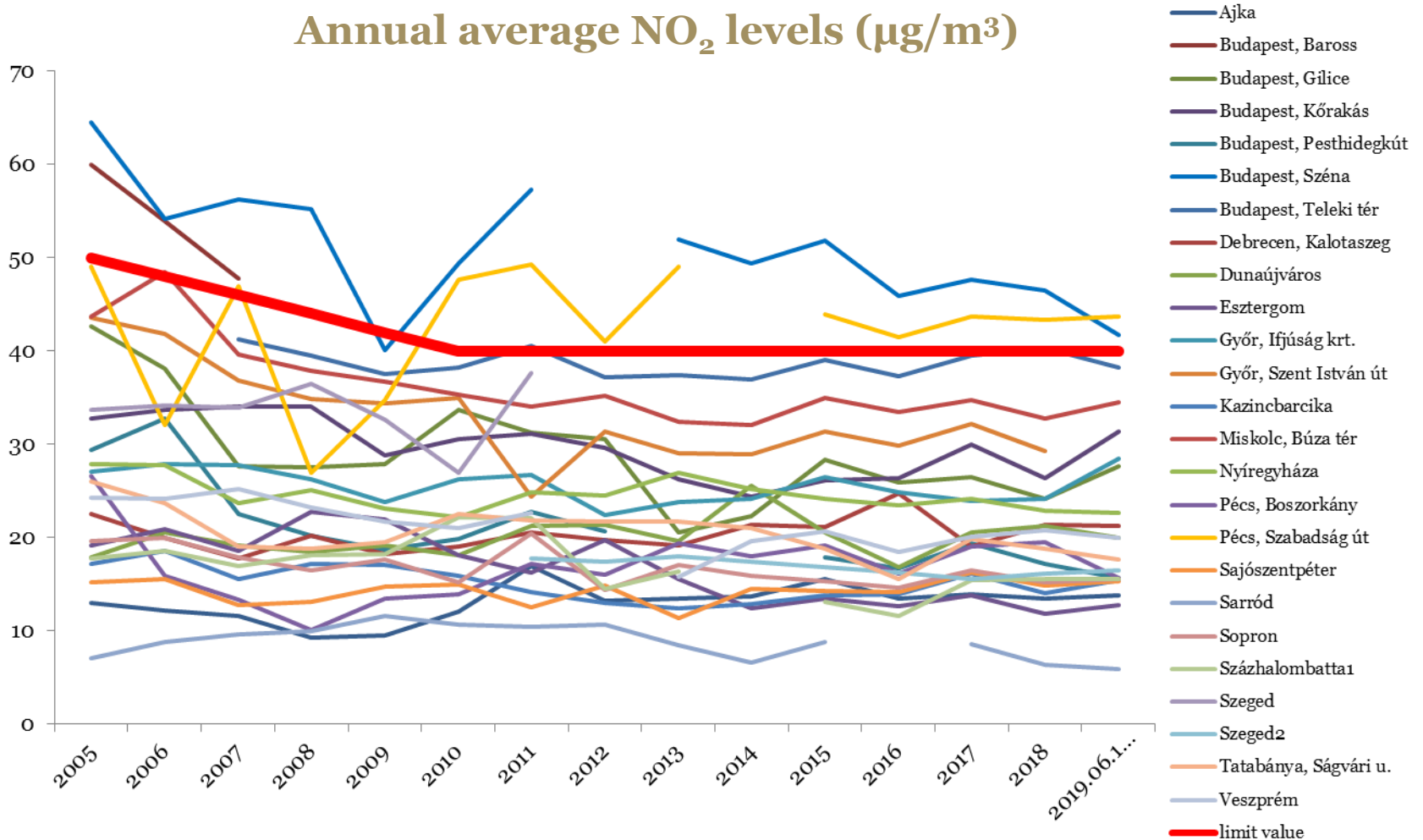
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## Hungarian Air Quality Monitoring Network



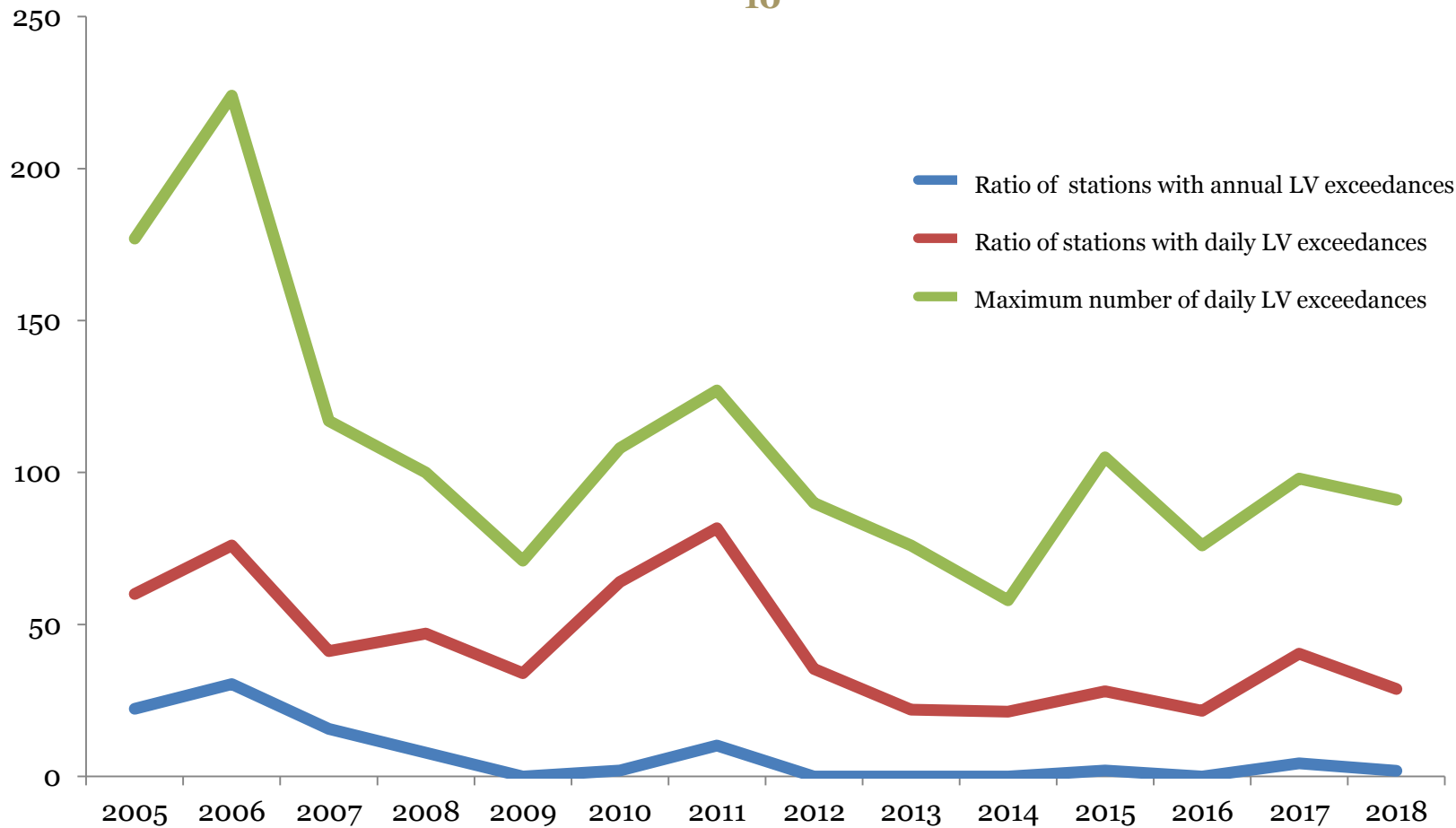


## Annual average NO<sub>2</sub> levels (µg/m<sup>3</sup>)





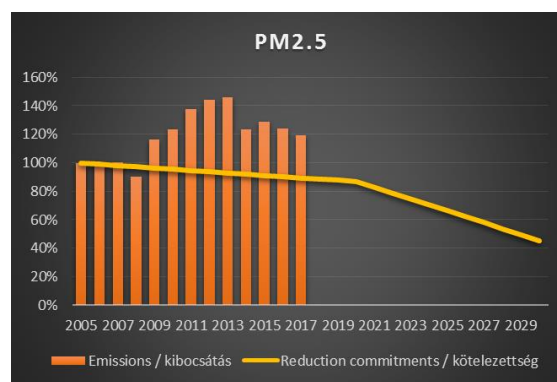
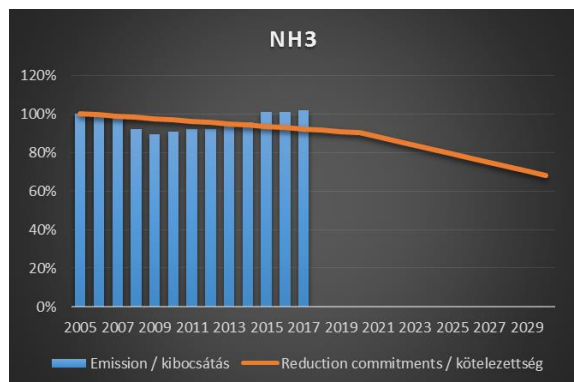
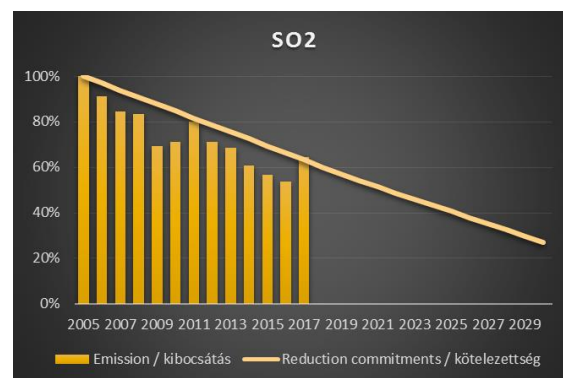
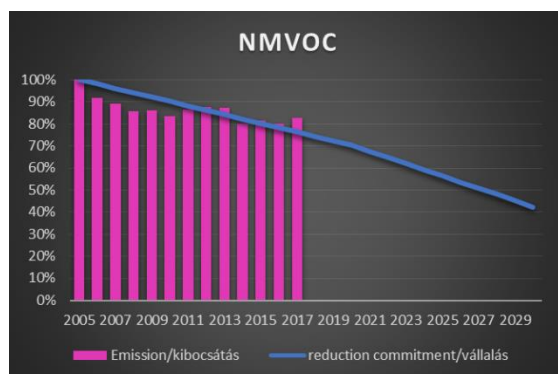
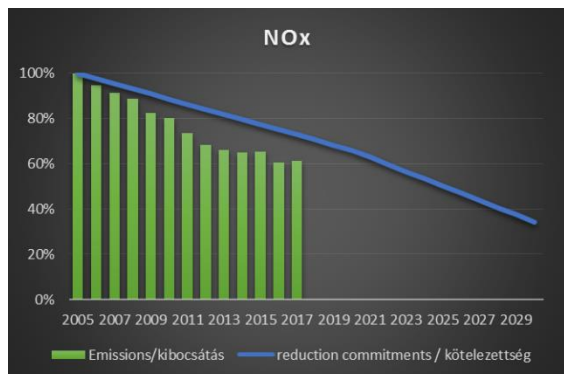
## Statistics of PM<sub>10</sub> exceedances



Data for 2018 are preliminary



# Annual total emissions (kt) and NEC reduction commitments

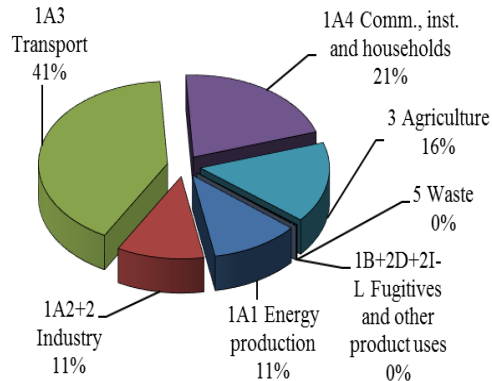


Source: OMSZ

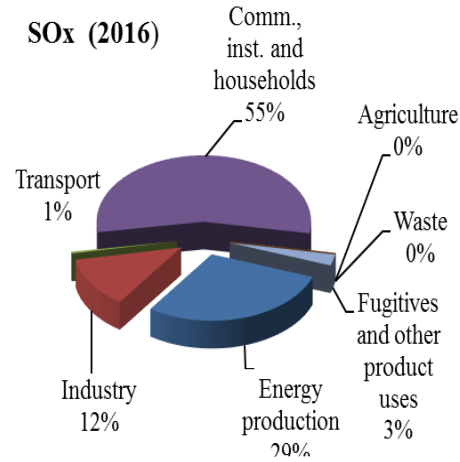


# Sources of emission

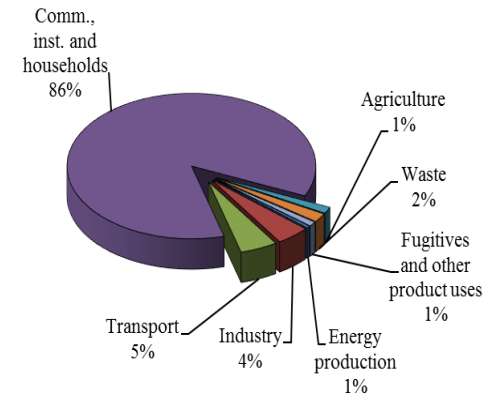
**NOx (2016)**



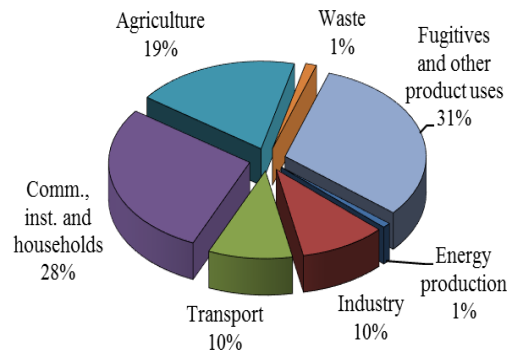
**SOx (2016)**



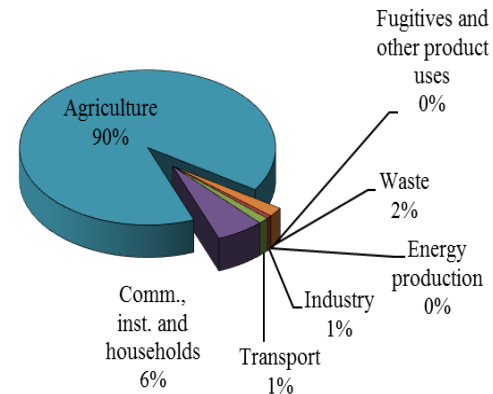
**PM 2.5 (2016)**



**NM VOC (2016)**



**NH3 (2016)**





## National Air Pollution Control Program

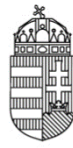
Inter-ministerial Committee  
Measures for all sources  
Establishment of a monitoring system  
for the assessment of ecological impacts  
Strategic Environmental Assessment  
Fora



## Regional Air Quality Plans

## Environmental Programs of certain local governments





## LIFE-IP HungAIRy

### **Aim:**

Improving air quality at the most relevant Hungarian municipalities through the implementation of air quality plan measures

### **Participating 10 cities:**

Békéscsaba, Budapest, Debrecen,  
Eger, Kaposvár, Karcag, Miskolc,  
Pécs, Szolnok, Tatabánya

Start date: **01/01/2019**

Expected end date: **01/10/2025**

Total budget: **15 967 742 €**





## Actions financed by LIFE

- ✓ **Supporting decision making with GIS database and transport model**
- ✓ **Baseline assessment and monitoring changes**
- ✓ **Establishing an eco-manager network to support information exchange**
- ✓ **Raise environmental awareness and information exchange**
- ✓ **Networking, knowledge transfer**
- ✓ **Pilot actions**

**Debrecen** – Pavilion for the promotion of an air quality monitoring station  
– Green City Demonstration Centre

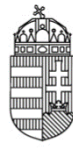
**Miskolc** – Smog vacuum cleaner  
– Composting pilot project  
– Pavilion demonstrating the correct way to solid combustion

**Karcag** – Pilot house

**Tatabánya** – Bicycle nature trail

**Pécs** – Set up of a solar register





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**Thanks for your attention**

