

Hungary-Canada Innovation Forum in Budapest

2015. June 11.

Embassy of Canada to Hungary in Budapest

(1027 Budapest, Ganz u. 12-14.)

Program

- 09:30-10:00** Registration and coffee for Forum audience
- 10:00-10:10** Welcome speech by **H.E. Lisa Helfand, Ambassador of Canada**
- 10:10-10:30** Keynote speech by **Minister of State Prof. Laszlo Palkovics**, Ministry of Human Capacities

10:30-11:30 **Smart cities, Intelligent and green transportation**

With the substantial increase of vehicles and their users, the traffic management has become a real challenge. The sustainable development of cities and their transport systems is not just an environmental issue but an important economic and societal challenge. Thus, these areas have to be considered jointly when planning the future direction of transportation. The pulling sector of Hungary's economy is the automotive industry (alternative transportation), which contributes to nearly 20% of its GDP. The companies that are present locally have reached the development stage where they need the growth of the regional RnD potential.

- 10:30-10:50** **Tamás Tettamanti PhD**, Budapest University of Technology and Economics:
Road traffic modelling and control
- 10:50-11:10** **Mr. Vaclav Vincalek** from the Urban Opus Society and Urban Ventures
Network -a nonprofit society dedicated to realizing Vancouver's potential as a living lab for smart city innovations involving public engagement
- 11:10-11:30** **Ryan Duffy**, Blackstone Energy Services Inc., Toronto – topic TBC:
Secure, clean and efficient energy
- 11:30-11:45** Coffee break
- 11:45-12:35** Era-Can+ presentation by **Isabella E. Wagner** and **3 Hungarian NCPs**
- 12:35-14:00** Lunch (Hotel Regnum Residence)

14:00-14:40 **Biotechnology& ICT**

The Hungarian biotechnology industry has four subsectors: the red (medical) biotechnology sector, the bio-IT sector, the green agricultural-food industry biotechnological sector, and the white industrial/environmental biotechnology sector. Of the four subsectors in Hungary, it is apparent that the red biotechnological sector is the most developed. The most important biotechnological knowledge sectors and techniques are in the field of molecular biotechnology, cell and tissue biotechnology, material processing biotechnology, bio-IT, and nanotechnology.

14:00-14:20 **Ervin Balázs**, Member of the Hungarian Academy of Sciences:
Planting for future. EASAC (European Academies Scientific Advisory Council)
documents: dreams and realities

14:20-14:40 **Gail Gillian**, President of CABI (Canadian Acceleration and Business Incubation
Association) – topic TBC

14:40-15:40 **Sewage and water management**

Based on its knowledge and experience, Hungary can become one of the leading countries of the global water industry. The government is supporting the expansion of the water-related research capacity and the internationalization of the industry. Hungary is already present in the Middle-East, SE Europe, Vietnam with its technologies and products in the sector, these export activities get high subsidy from EXIMBANK (~Hungarian EDC).

14:40-15:00 **Prof. Ernő Fleit**, Eötvös József College, Baja:
Risk mitigation of drinking water and new concepts on wastewater reuse

15:00-15:20 **Miklós Patziger PhD**, Budapest University of Technology and Economics:
Wastewater treatment: recent developments in Hungary

15:20-15:40 **Prof. Ákos Zarándy**, Hungarian Academy of Sciences – Institute for Computer
Science and Control:
WaterScope: an on-line automated microscope for water quality monitoring

15:40-16:10 Closing remarks by **Mr. Bradwin Niblock**

16:10-17:30 Networking reception