

Israel – NRW, First pre-formal Joint Committee Meeting

Tel-Aviv, January 23, 2005

Views exchange: potential fields of mutual interests

The main goal is to achieve a bilateral networking platform between Israel's and NRW's universities, research institutes and companies in the field of research and technology.

Scientific fields

- 1- treatment of water – sustainable water monitoring
- 2- non-invasive methods and remote sensing methods to study dynamics of water, nutrients, contaminants and issues of Salinization (FZ Juelich)
- 3- the dynamics, structure and function of soil organic matter in soils (FZ Juelich)
- 4- quantification of biological processes using novel molecular techniques and non-invasive methods in soil and groundwater (FZ Juelich)
- 5- measurement methods for monitoring flow and transport in undisturbed soil systems (lysimeters, ceramic plates, sensors...(FZ Juelich)
- 6- Jordan-Valley project (FZ Juelich)

- 7- air pollution from transportation (MUNLV NRW)

- 8- environmental management (MUNLV NRW)

- 9- biodiversity, birds migration, climate change
- 10- molecular farming – markets and strategic partnership
- 11- renewable energies (MWF?)

- 12- innovative enterprises (MWA NRW)
- 13- biosensors and monitoring, developing bio indicators (MUNLV NRW)
- 14- Science and society – science with society
- 15- Technology transfer – universities to industry (academic consultancy to high-tech companies)
- 16- "Memory and Remembering" 2006 (bilateral conference): Jewish-German history; Jewish tradition in European identity. (University Duesseldorf)

Cooperation in the scientific fields can be achieved through the following methods:

- Joint Scientific Projects – publishing CFP
- Exchange experiences
 1. Bilateral Scientific Workshops
 2. (Juelich) 10 scholarships for Israeli post graduates and PHD students
 3. PHD Students exchange programs
 4. Share information of participating in EU FRP 6 projects
- Bilateral Conferences