

Round Table Ecology and Environment Protection

The Third
Northern Dimension Forum

Organizers:



Saint Petersburg, 29th March 2012

Felix Karmazinov,

SUE Vodokanal of St.Petersburg

Mari Pantsar-Kallio,

Ministry of Employment and the Economy
of Finland

***Sweden-Russia collaboration in
sustainable urban development and
ecology***

Mats Denninger,

Swedish Government Office, International
Environmental Technology

Sweden-Russia Collaboration in sustainable urban development and ecology

Шведско-российское сотрудничество в области устойчивого городского развития и экологии



Матс Деннингер

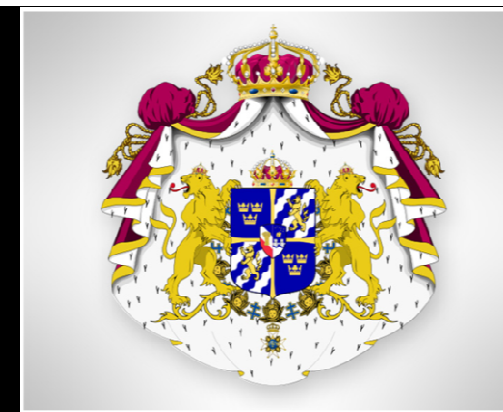
Ministry of Enterprise, Energy and Communications
Ministry of the Environment
Ministry for Foreign Affairs



REGERINGSKANSLIET
Government Offices
of Sweden

Governmental agreements Sweden – Russia on environmental technology

Шведско-российские соглашения в области экологических технологий



- Declaration of modernisation
- Декларация о модернизации
- Agreement between the Russian Ministry of Energy and the Swedish Ministry of Enterprise, Energy and Communications on cooperation in the energy sector
- Соглашение между Министерством энергетики РФ и Министерством промышленности, энергетики и связи Швеции о сотрудничестве в энергетическом секторе
- Agreement between the Russian and the Swedish Governments on cooperation within environmental protection
- Шведско-российское межправительственное соглашение о сотрудничестве в области охраны окружающей среды
- Agreement between the Russian and the Swedish Energy Agencies
- Соглашение между энергетическими агентствами РФ и Швеции

Set-up / Состав

- **Joint initiative from three Swedish Ministries**
 - Ministry of the Environment
 - Ministry for Foreign Affairs
 - Ministry of Enterprise, Energy and communications
- **Совместная инициатива трех шведских министерств**
 - Министерство экологии
 - МИД Швеции
 - Министерство промышленности, энергетики и связи
- **Cooperation with the Embassy of Sweden in Moscow and the Consulate General in St Petersburg**
- **Сотрудничество с Посольством Швеции в Москве и Генконсульством в Петербурге**

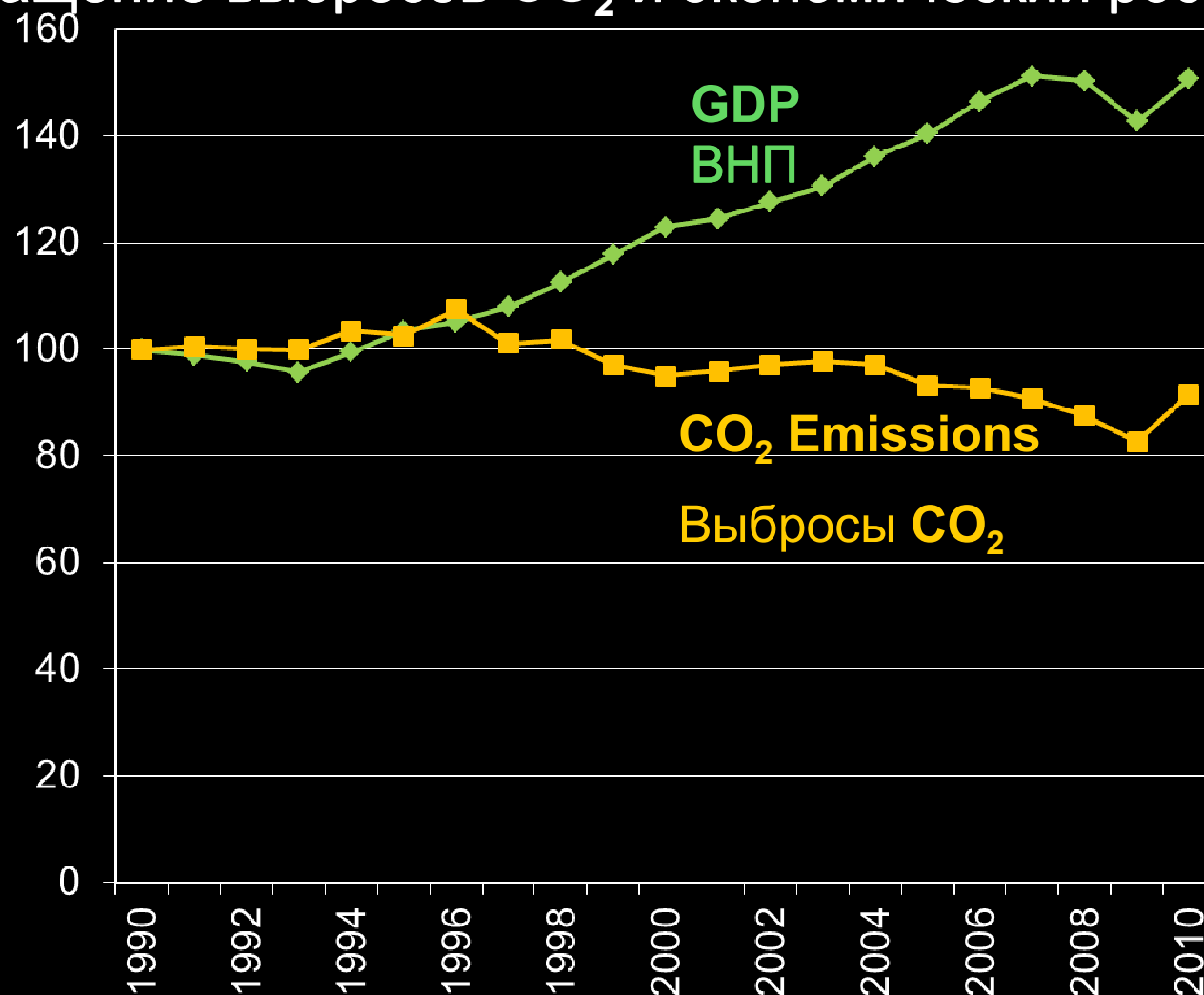
Areas we focus on / Области нашего взаимодействия

- Renewable energy and energy efficiency • Возобновляемые источники энергии и энергоэффективность
- Sustainable urban development • Устойчивое городское развитие
- Cleaning of air and water • Очистка воздуха и воды
- Waste management • Переработка отходов
- Sustainable transport systems • Устойчивые транспортные системы
- Industrial environment • Производственная среда



CO₂ reductions and economic growth in Sweden

Сокращение выбросов CO₂ и экономический рост в Швеции



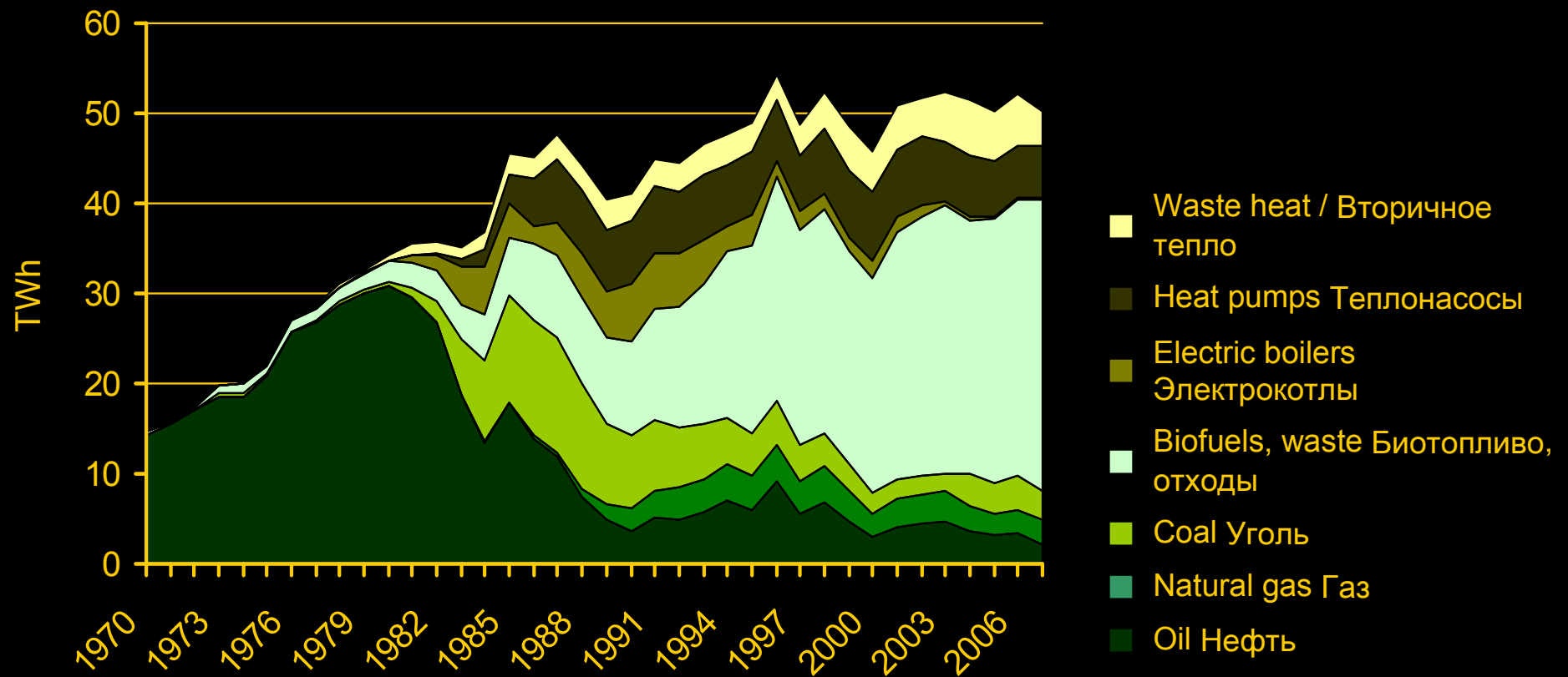
*From 1990 to 2010
Swedish emissions
of CO₂ decreased
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*С 1990 по 2010
выбросы CO₂ в
Швеции
сократились на
8 %, а экономика
выросла на 50 %.*

Source: Sweden's
National Inventory
Report 2011,
United Nation's
Framework
Convention on

District heating in Swedish cities

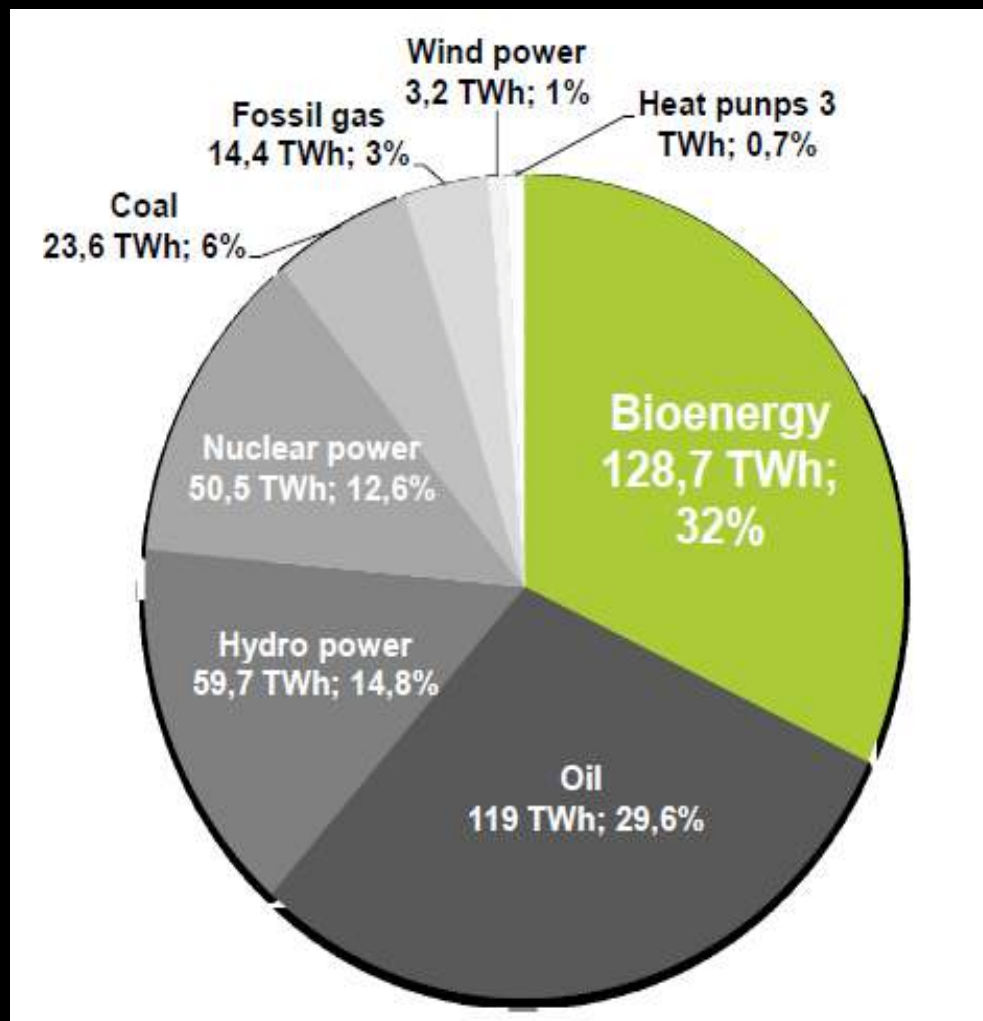
Районное отопление в шведских городах



Source: Statistics Sweden and Swedish Energy Agency

Proportion of energy sources in Sweden

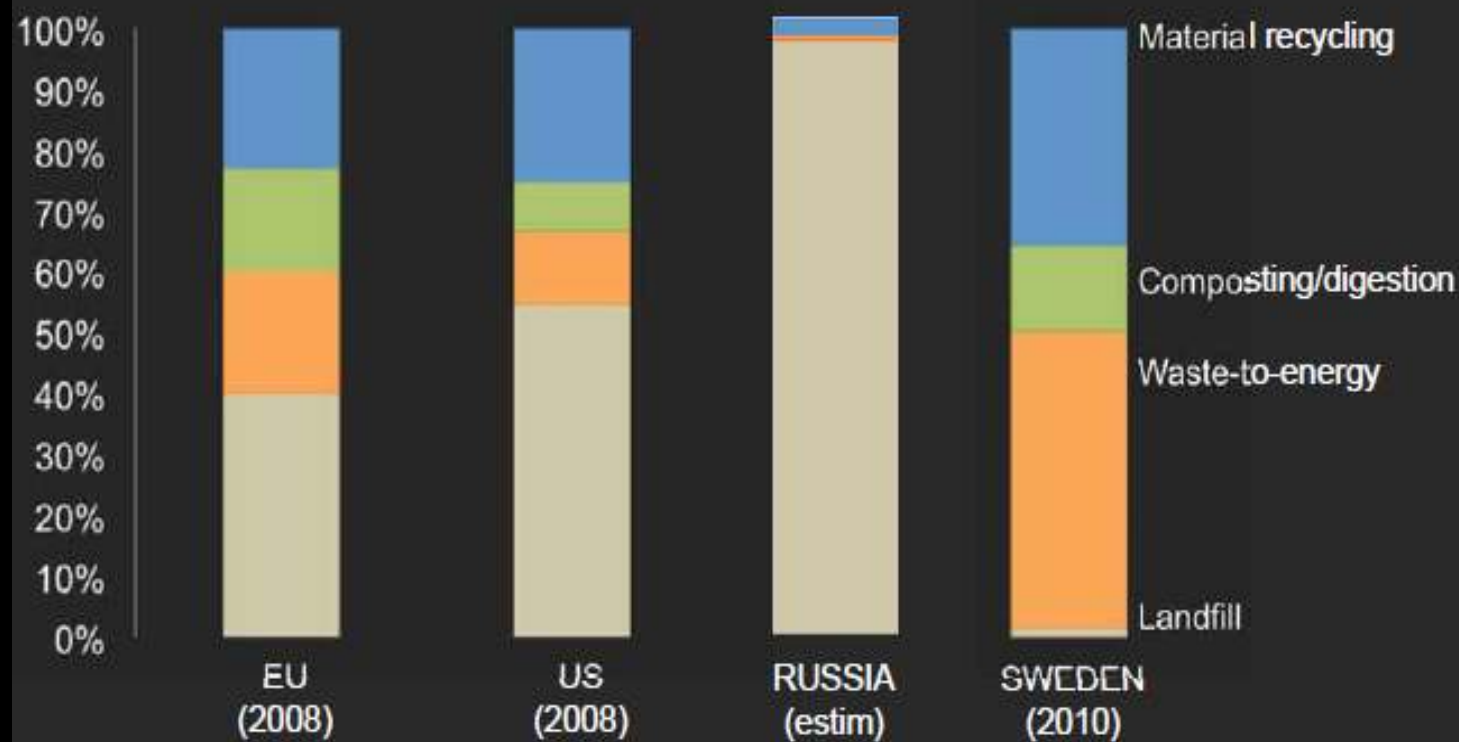
Доля источников энергии в Швеции



Treatment of municipal waste

Обработка отходов в муниципалитетах

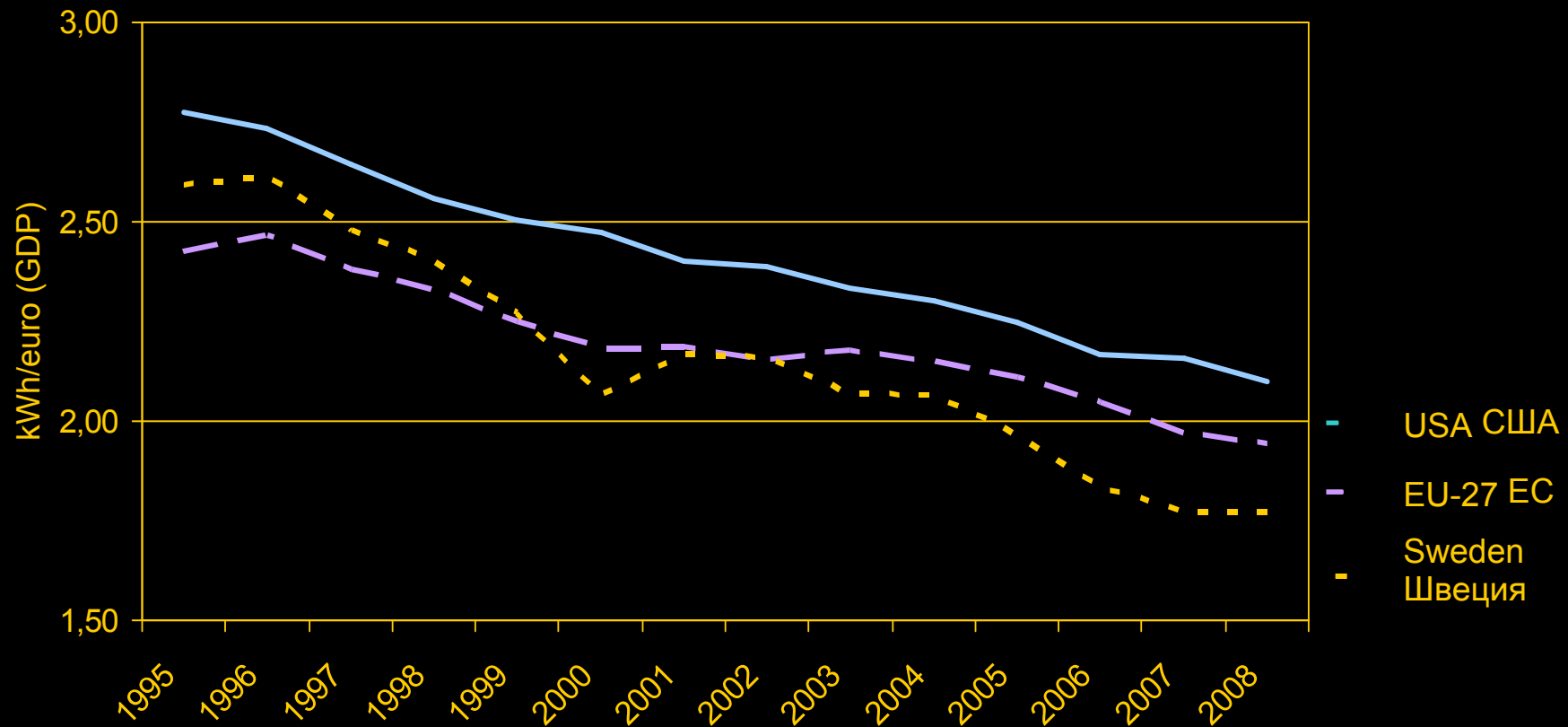
Different treatment methods of MSW



 **AVFALL SVERIGE**
Swedish Waste Management

Energy intensity – Swedish goal to reduce 20% until 2020

Энергоемкость: цель – сократить энергозатраты на 20% к 2020 г.



Source: Eurostat

Thank you for your attention!

Спасибо за внимание!



***Introduction to international advanced
water technology centre***

Dmitry Troshenko,

Director, SUE Vodokanal of St.Petersburg

Mika Sulkinoja,

Director, Finnish Cleantech Cluster



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International Advanced Water Technologies Center

29 March 2012



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Signing of Memorandum of Cooperation (Moscow, 21 October 2010)





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Joint EU-RF Conference on water resources: Launching the Center (26 January 2011, St.Petersburg)





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Main Objectives:

- Organization of international cooperation on sustainability and water resources management;
- Exchange of experience in using technologies of water supply and sanitation, protection of the environment and rational use of natural resources;
- Accumulating, summarizing and promoting the innovative water-related knowledge;
- Arrangement of activities focused on exchanging information, ideas and technologies of production and water resources management;
- Assisting environmental education of schoolchildren and students



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The Center activities are performed in the following forms:

- Conferences
- Seminars
- Laboratory work (audit)
- Lectures
- Interactive lessons
- Hands-on training



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Main categories (target groups) of the Center participants



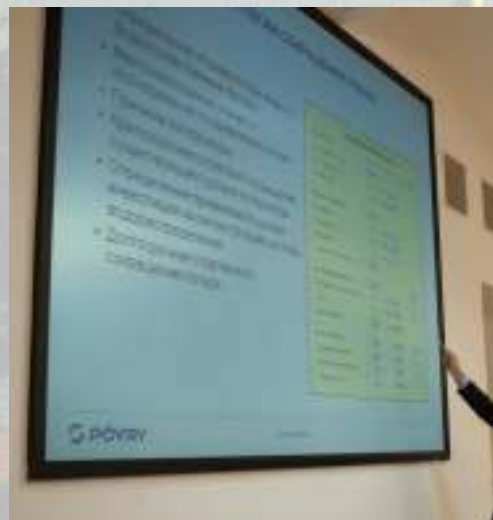
- Managers and personnel of water companies;
- Employees of Research Science Institutes;
- Managers and personnel of control water quality research laboratories;
- University students specializing in water-related and other professions;
- 8–11 – form school students.



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Best experts from Russia and Eastern Europe take part in the Center training activities





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**The production site visits are also arranged
in the frames of the Center activities**





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**Feedback from participants is
the foundation for continuous improvement of the Center**



Main items of the survey:

Satisfaction with the quality of activities

Proposals for improvement

Topics to be included into the plan of activities



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Environmental education is one of the major directions of the Center activities

In 2011, over 500 pupils took part in the Center “children’s activities”





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Participation in international forums and exhibitions



**International Trade Fair
Cleantech Expo 2011
(Lahti, Finland)**



**World Water Forum
(Marseille, France)
12 – 17 March 2012**



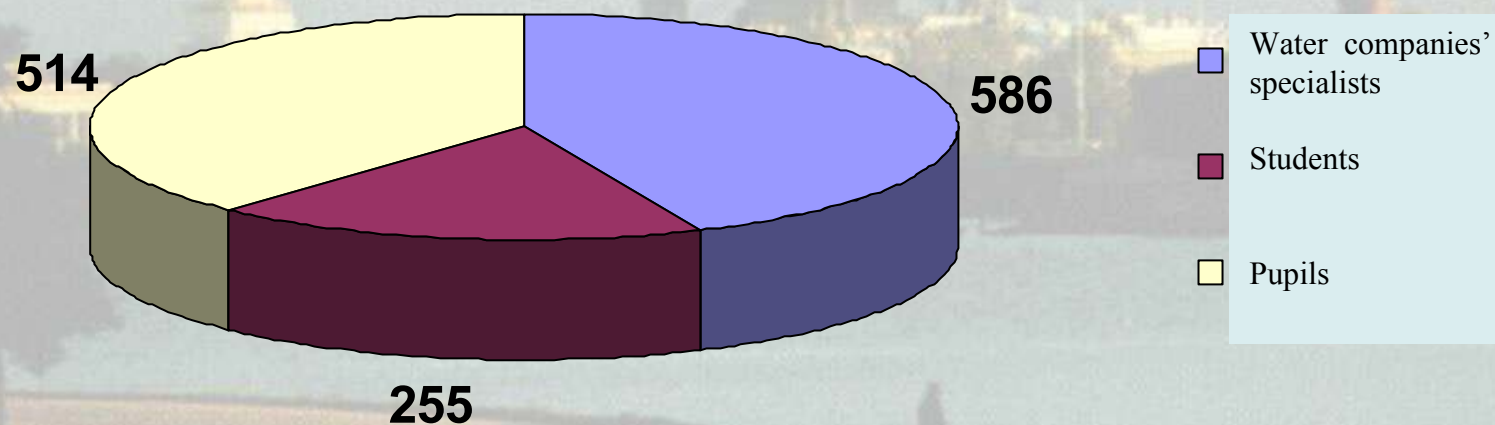
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Results of the Center educational activities in 2011

Total number of participants - 1355, including:

- 586 water and wastewater experts
- 255 university students
- 514 school pupils





GEOGRAPHY OF COOPERATION





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THANK YOU FOR YOUR ATTENTION!

*Advanced technologies in sludge
treatment*

Jukka Kurhinen,

Vice President, Outotec Plc