



PlasTEP

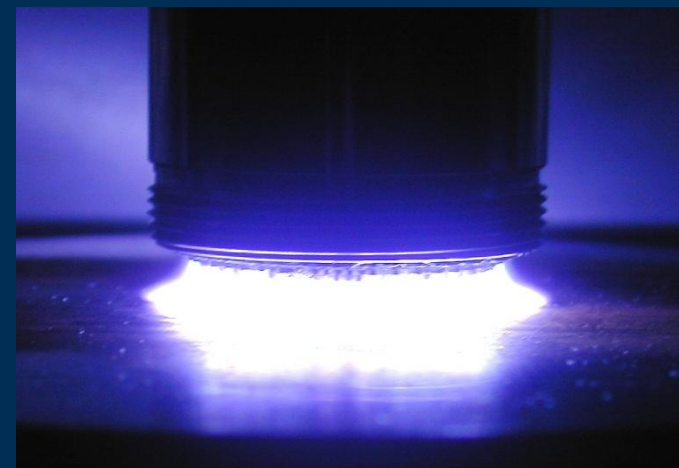
plasma for environment protection

# PlasTEP – Dissemination and fostering of plasma based technological innovation for environment protection in the Baltic Sea Region

2<sup>nd</sup> PlasTEP summer school

25.07.- 05.08.2011

Warsaw and Szczecin



Plasma discharge  
Source: The Ångström Laboratory





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# 1. General Objectives

## PlasTEP has the following aims:

- Dissemination and fostering of plasma based technological innovation for environment protection in the Baltic Sea Region (BSR)
- Build up a network with partners from industry, science and policy focused on plasma technology for environment
- Offer new possibilities for environment neutral production
- Combining the existing knowledge about plasma technologies in the BSR
- Contribute to a better future by cleaning for example exhaust gases or waste water
- Bring the idea of investing in plasma technology and therewith in future research into the minds of industrial decision makers and politicians and show people: there are new ways!





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## 2. Structure of PlasTEP

WP 0: Preparation Activities

WP 1: Project Management & Administration

WP 2: Communication & Information

**WP 3: Plasma based technologies sustainability analysis and integration in to the educational process**

**WP 4: Plasma based cleaning of exhaust gases of combustion**

**WP 5: Removal of organic/hazardous compounds and aerosols**

**WP 6: Plasma technologies for water cleaning**



Source: Risø (Plasmaball)





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### 3. Project Partners

- 01 Technology Centre of Western Pomerania (TZV)
- 02 Leibniz Institute for Plasma Science and Technology (INP)
- 03 VDI Mecklenburg Western Pomerania (VDI)
- 04 Risø National Laboratory for Sustainable Energy, TU of Denmark (Risø)
- 05 Uppsala University, The Ångström Laboratory (UUA)
- 06 Lappeenranta University of Technology, ASTRa (LUT)
- 07 Riga Technical University (RTU)
- 08 Lithuanian Energy Institute (LEI)
- 09 Kaunas University of Technology (KUT)
- 10 Vilnius Gediminas Technical University (VGTU)
- 11 Institute of Nuclear Chemistry and Technology (INCT)
- 12 The Szwedowski Institute of Fluid Flow Machinery (IMP)
- 13 West Pomeranian University of Technology (SUT)
- 14 University of Tartu (UT)
- 15 Association of Polish Electrical Engineers, Szczecin Branch (SEP)

Germany

Germany

Germany

Denmark

Sweden

Finland

Latvia

Lithuania

Lithuania

Lithuania

Poland

Poland

Poland

Estonia

Poland



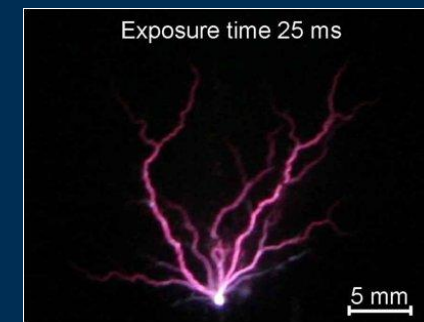


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## 4. Key facts

<b>Partnership:</b>	Technology centres and research organisations from Denmark, Estonia, Finland, Germany, Latvia, Lithuania, Poland and Sweden
<b>Number of partners:</b>	15
<b>Lead partner:</b>	Technology Centre of Western Pomerania, Germany
<b>Total budget:</b>	3.820.000 €
<b>Duration:</b>	17.09.2009 – 16.12.2012
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# Thank you for your attention!

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