

# **EU/US Collaboration on Turbine Research**

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# EU- U.S. DOE Collaboration

- ? **MOU signed between United States and European Union includes gas turbine R&D**
- ? **Discussion ongoing between DOE and European Commission on mutual interests and ways to collaborate**
- ? **Collaboration examples identified--**
  - ? International combustion model validation competition
  - ? Joint programmes in materials research
    - ? ceramics, alloys, coatings
    - ? catalysts



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# Suggested Forms of Collaboration

- ? **Coordinated pre-competitive projects working towards common goals**
  - ? combustion
  - ? materials
  - ? simulation/prediction
- ? **Annual conference to plan for the future, share information, improve the process, and report on progress**



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# Immediate Opportunities for Collaboration

## ? DOE Turbine Programmes

- ? Ongoing and future university projects (combustion, materials, aero-heat transfer, sensors)
- ? DOE National Laboratory projects
  - ? NETL combustion
  - ? ORNL/ANL materials

## ? EU Framework V Programmes

- ? General and Targeted Call for Proposals
- ? Due December 14, 2001

## ? Turbine Thematic Network-coordinated conferences and planning



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## Near Term Required Actions

- ? **Inform R&D community before mid-October, enabling them to access/use collaboration opportunities under Framework V & DOE Turbine Programs**
  - ? DOE and EU ongoing projects and contacts
  - ? Areas of common interest for EU and DOE
  - ? Where to find information related to proposal calls and instructions for proposal submission

