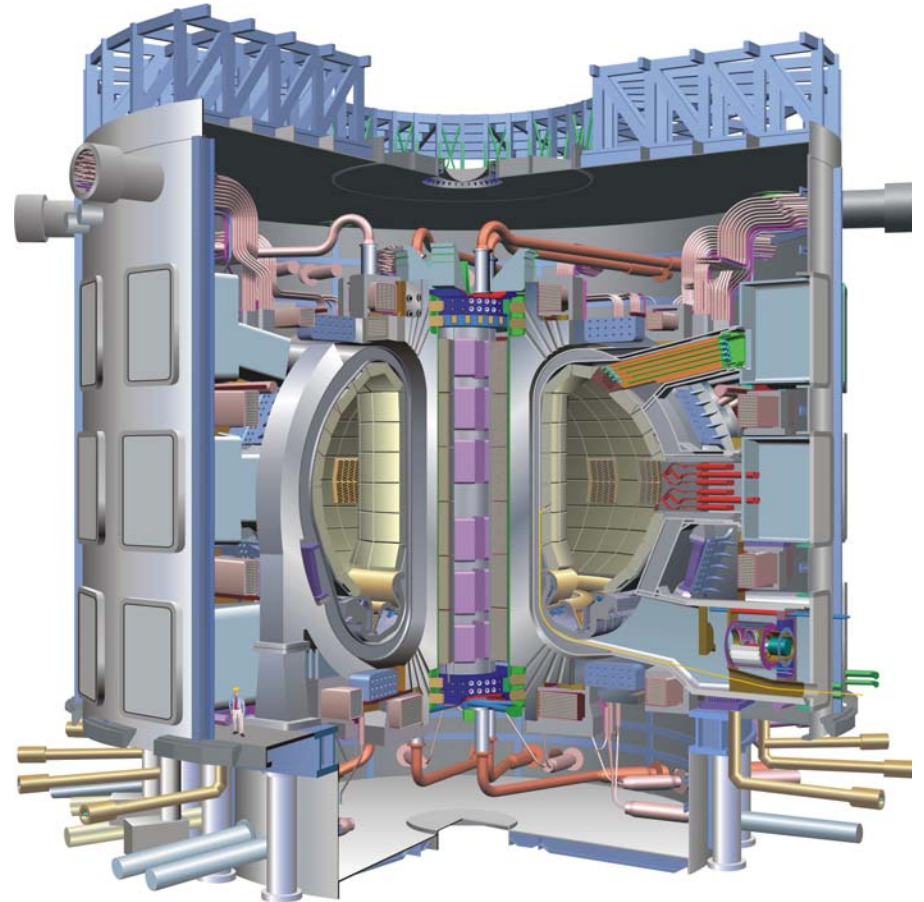


ITER Project Status

Ned Sauthoff
Project Manager, U.S. ITER Project

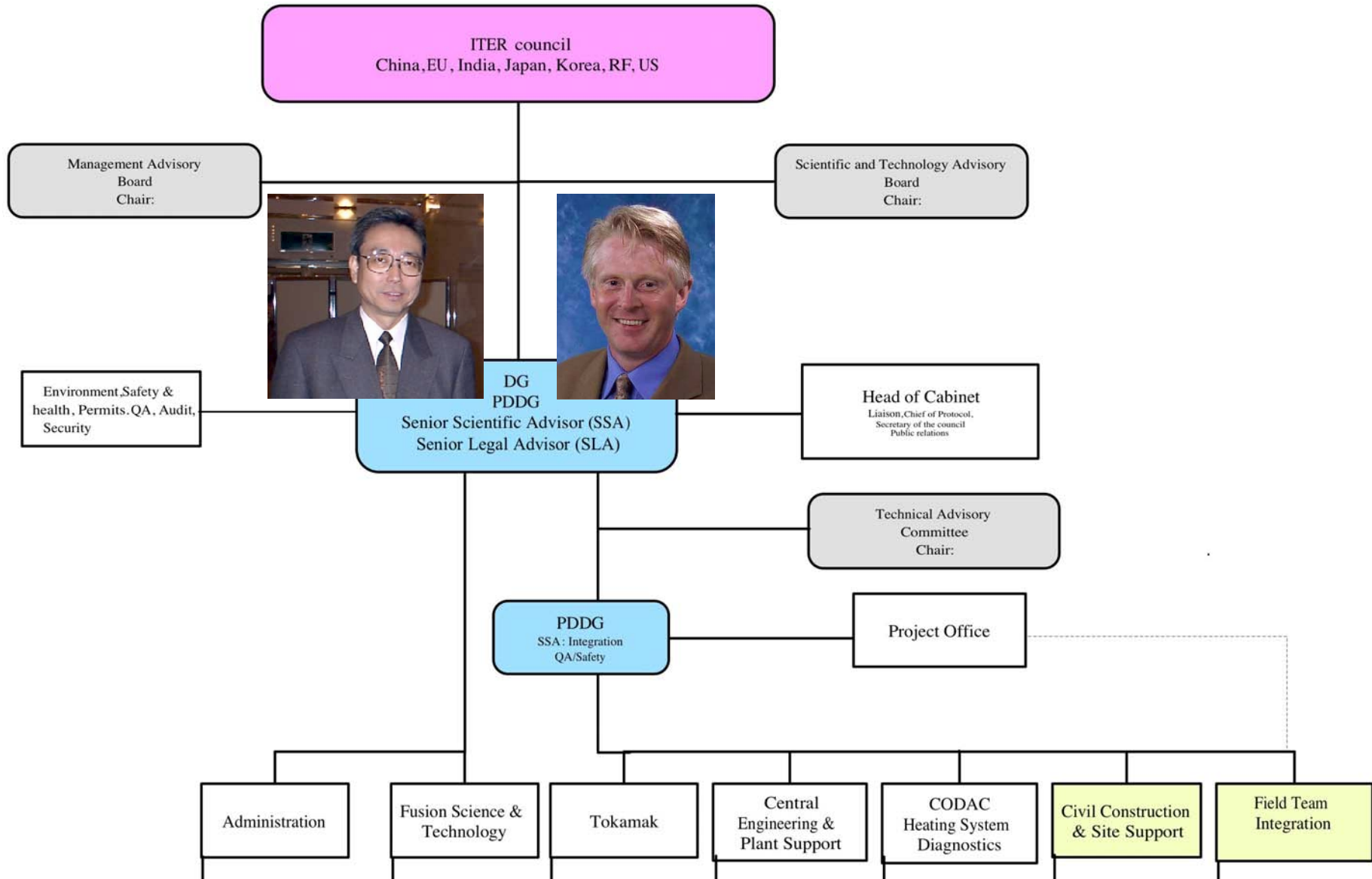
FESAC
Gaithersburg, MD
June 1, 2006



Outline

- **International activities**
 - ITER Organization structure
 - Building the (interim) international team: DDGs and urgent positions
 - Tasks, international integration and credit
- **Domestic activities**
 - WBS team leaders and team-building
 - Industrial expressions of interest
 - Preparations for upcoming reviews

Presently considered ITER Organization Structure



Building the (interim) international team: DDGs and urgent positions

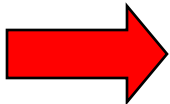
- **Process for staffing the ITER Organization, as per the ITER Agreement (US quota ~20 professionals)**
 - ITER Organization distributes job position descriptions to the Domestic Agencies
 - Domestic Agencies respond with nominations of candidates
 - ITER Organization reviews and selects the successful candidate(s)
 - Successful candidates choose to become either employees of the ITER Organization or Secondees
- **Based on submissions to the USITER.ORG pages and focused discussions, DOE is positioned to submit the US-candidate-DDG packages**
- **The DGN has just distributed his refined list of “Top Priority Urgent Open Positions”, for responses by the Parties**

US tasks and international integration / refined sharing and credit

- **The DGN issued**
 - a work plan for “Transition to Construction through March 2007”, listing activities and priorities in each WBS area
 - A list of tasks (both “continued-2005” and “requested-2006”)
- **The US**
 - is reviewing the work plan and requested tasks,
 - will respond on the requested tasks and
 - will suggest other tasks in the US work plan for US in-kind contributions
- **IPC-8 agreed to provide “credit” for contributions of cash, staff and work outside the in-kind procurement packages**
 - US will request the “credit” that is appropriate for US tasks

Outline

- **International activities**
 - ITER Organization structure
 - Building the (interim) international team: DDGs and urgent positions
 - Tasks, international integration and credit



- **Domestic activities**
 - WBS team leaders and team-building
 - Industrial expressions of interest
 - Preparations for upcoming reviews

Senior Staff of the US ITER Project Office (ORNL lead responsibility)

Project Manager:	Ned Sauthoff
Deputy Project Manager:	Carl Strawbridge
Project Controls:	Suzanne Herron
Project Engineering Manager:	Brad Nelson
Chief Scientist:	Director, US Burning Plasma Org. (Ray Fonck)
Chief Technologist:	Director, VLT (Stan Milora)
Procurement Manager:	ORNL and USIPO to select
Business Manager:	ORNL and USIPO to select
ES&H Specialist/Manager:	ORNL and USIPO to select
QA Specialist/Manager:	M. Skonicki (acting)

US ITER Project WBS Team Leaders

(to develop the plan, assign scopes, and deliver the products)

Diagnostics:	David Johnson (PPPL)
ICH/ECH and Vacuum/Pumping/Fueling:	David Rasmussen (ORNL)
Magnets:	John Miller (FSU)
Tritium Exhaust Processing:	Don Green (SRNL)
First Wall/Blanket Shield/Port Limiters:	Mike Hechler (ORNL)
Electrical Power:	Charlie Neumeyer (PPPL)
Cooling Water:	Jan Berry (ORNL)

US ITER Web Site (www.usiter.org)



U.S. Contributions to ITER

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ITER

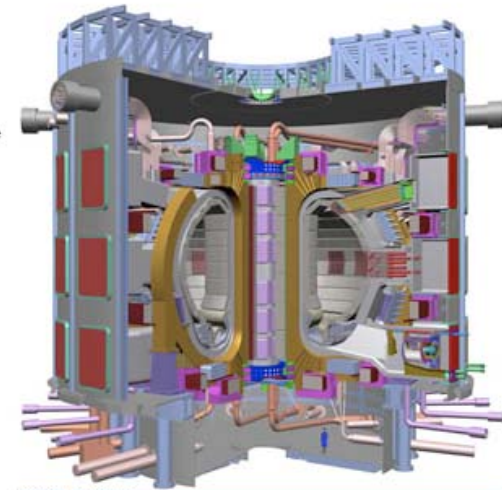
An unprecedented international collaboration of scientists and engineers has performed needed research and development and designed a burning plasma experiment called ITER. The fusion power produced by ITER will be 10 times greater than the external power delivered to heat the plasma.

The United States has joined the other ITER partners in negotiations for construction of this project, whose mission is to demonstrate the scientific and technological feasibility of fusion power. These deliberations could lead to the operation of ITER around the middle of the next decade.

ITER Partners are The People's Republic of China, the European Union (represented by Euratom), India, Japan, the Republic of Korea, the Russian Federation, and the United States of America. The device will be built at Cadarache located near Marseille in the Provence-Alpes_Cote d'Azur region of southeastern France.

U.S. Contributions to ITER

U.S. Contributions to ITER is a DOE Office of Science Major Item of Equipment (MIE) project consisting of procurement of hardware (including supporting R&D and design), assignment of personnel (U.S. engineers and scientists) to the ITER site in Cadarache, France, and in Field Teams in the ITER parties, and cash contributions to the ITER Organization for the U.S. share of common expenses such as personnel infrastructure, assembly and installation. All U.S. ITER project activities will be managed by the U.S. ITER Project Office. The project will be accomplished through a collaboration of DOE laboratories, universities, and industry.



ITER design

The US ITER Project is holding a logo contest. For entry, please click on [Logo Proposals](#).

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Website provided by the U. S. Department of Energy
Oak Ridge Tennessee U.S. ITER Project Office.

Revised: Thursday, May 25, 2006 8:25 AM

Procurement page: the key to industrial participation in US ITER Project



U.S. Contributions to ITER

Show/Hide Navigation
Vendors Database

Disclaimer

The submission of any vendor data does not commit us to pay for any costs incurred in the preparation and submission of the data, or commit us to award any subcontract to you, or incur any other financial obligation on our part.

Public Sites/Links

[DUNS Number](#)

If you currently do not have a Dun & Bradstreet number, you need to obtain one now. This is required as part of your login into the Vendor Database Application.

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Are you a new user? If so, we need to build a user profile for you. This is used as a security mechanism so that only you can edit your data.

[Edit a Company Profile](#)

If you already have a user profile established, you can log in to the application and either enter new data or edit existing data.

[Comments?](#) Use this comment form to submit your comments/questions about the Vendor Database Application.

Preparations for upcoming reviews

- **DOE Office of Science (“Lehman”) review**
[late September 2006]
 - Improved cost estimates (cost basis, value engineering, ...), with as much scope refinements as possible
 - Schedule estimate
 - Risk Management plan
 - Acquisition and Project Execution plans
- **Office of Engineering and Construction Management review**
[October-November 2006]
 - Focus on cost, as specified in the Deputy Secretary’s approval of CD-0

Bottom Lines

- **Major ITER Project Emphases (international and domestic)**
 - Defining the organizations and roles
 - Building the Teams
 - Refining the plans (costs, schedules, scope-sharing, approaches, ...)
 - Focusing on managing risks
- **Community opportunities**
 - Engage with the WBS team leaders to develop the strongest domestic teams and plans
 - Provide excellent ITER Organization staff
 - Participate in upcoming activities focused on risk identification and mitigation
 - Work with the Burning Plasma Organization (Chief Scientist) and Virtual Lab for Technology (Chief Technologist) to identify and explore opportunities for improvement



US ITER PROJECT LOGO CONTEST UNDERWAY!

Submit/view submittals at: <http://www.usiter.org/>

