

**INTERNATIONAL PROJECT ON INNOVATIVE NUCLEAR REACTORS
AND FUEL CYCLES (INPRO)**

Plenary Session 2 on the Topic:

***Intellectual property management within
the context of collaboration on innovations***

(part 1)

Chairperson: Mr John Arthur DAY

9th INPRO Dialogue Forum

IAEA Headquarters, Vienna, 18-21 November 2014



IAEA

International Atomic Energy Agency

Key points, major observations and recommendations



- Presentation by Prof. Dr. Heinz GODDAR
- Patent systems exist to incentivise innovation and invention
- Origin of the patent system in Venice 15th C avoids re-invent the
- Promotes investment into R&D e.g. making available drugs, to humanity
national/territorial patents ensure appropriate Return Over Investment
- Give opportunity for investors to claim monopoly on the use of invention but only for a limited time and then it passes into the public domain
- A state granted monopoly is granted in return for disclosing the details of the invention
- Patents increasingly used as currency surrogate, for litigation purposes, incentives and price differentiation

Key points, major observations and recommendations (cont'd)



- Presentation by Natalia Belenkaya
- Rosatom do a lot of collaboration work and IP management is key to its success, this requires a sound IP management system
- Intellectual Property Management is a necessary part of knowledge assets management.
- IP policy supported by comprehensive regulation (regulations, guidelines, instructions, templates of documents etc.) is essential basis for effective IP management system.
- In-house expertise and team of professional IP managers are needed.
- There are 4 main IPRs involved transactions to ensure exploitation of IP:
 - 1. Technology Transfer.
 - 2. Joint Technology Development.
 - 3. IPR for shares.
 - 4. Capital for discounted license.
- 5. ROSATOM IPR management comprehensive solution (organizational approach, technology transfer cases, modern IT system to manage patent portfolio and technologies) demonstrates good practice

Key points, major observations and recommendations (cont'd)



- Presentation by Akiko Takano
- ITER, international collaboration energy project and intellectual property(IP) management large-scale international scientific experiment which aims to demonstrate the scientific and technological feasibility of fusion energy for peaceful purposes with 7 partners.
- IP management principles based on belief that collaboration among Members but also by the dissemination of information and the promotion of technological solutions is the best way of achieving success
- Therefore necessary to take ownership of IP so that it maintains control of dissemination
- Declaration of background IP and licenses granted to ITER
- IP needs to be proactively managed with a solid IP management process
- Well structured documentation system that links to the parent agreement at the top level of IP governance with an overseeing Board.
- Database records IP matters
- Staff training raises awareness and promotes responsibility