



*Knowledge/ Kunnskap*

The NTNU Japan Program

**Fifteenth Annual NTNU Japan Seminar--2013:**

**Comparing Technology and Innovation Policy in Japan and Norway:  
The 10<sup>th</sup> Anniversary of the Norway-Japan Science and Technology Agreement  
Rådssalen (Hovedbygningen, NTNU, Campus Gløshaugen, Trondheim)**

*Overview:*

National leadership in basic science, technological applications, and innovation more generally, has become the key dimension in the competition between states for wealth and power. In this competition national governments and their direct subsidiaries have naturally often played the leading role, but by no means always. Local governments and small and medium sized enterprises have at certain key junctures been the crucial innovators.

At the same time innovation is characterized not only by competition but also by cooperation, as states, universities, research institutes and companies form strategic partnerships to jointly promote science, technology and innovation. Although separated by vast geographical distance, very different cultures, languages, and national scales, a strong partnership in science and technology has arisen between Japan and Norway, a partnership that dates back to the late twentieth century, but one which nonetheless was cemented with the 2003 science and technology agreement between the two nations.

The first panel of this seminar looks back over the first ten years of cooperation under this bilateral science and technology agreement, evaluates what has been achieved and what the prospects are for cooperation moving forward, addressing the question of how well Japan and Norway work together as partners. The second panel evaluates and compares the role of national, local and corporate entrepreneurs in innovation in Japan and Norway, and asks the question of whether there are distinctive Japanese and Norwegian models of innovation.

## **Schedule**

**27 November 2013: 9:00-16:00**

**Registration: 8:30-9:00**

9:00-9:15: Welcome to NTNU Remarks by Marit Reitan, Dean, Faculty of Social Sciences and Technology Management

9:15-9:30: Opening Remarks by Toshio Yadomi, Secretary for Science & Technology Policy, Embassy of Japan, Oslo

9:30-9:45: Opening Remarks by Paul Midford, Director, NTNU Japan Program

9:45-10:00: **Keynote Address-** Kari Balke Øiseth, Director General, Department of Research, Norwegian Ministry of Education and Research  
“Japan as a Priority Partner for Norway in Science and Technology”

**10:15-11:15 Panel 1: The First Ten Years of the Japan-Norway Science and Technology Agreement**

Julie Christiansen, Senior Adviser, The Research Council of Norway, and Svein Grandum, Counsellor for Science and Technology, Innovation Norway, Tokyo:  
“The 10<sup>th</sup> Anniversary of the Norway-Japan Science and Technology Agreement”

Shigeru Futamura, Counsellor International Department, Advanced Institute for Science and Technology (AIST): “The AIST experience working with Norway”

Geir Haarberg, Professor, Department of Materials Science & Engineering, NTNU  
“The Kyoto International Forum for Energy and the Environment as a Model for Science and Technology Cooperation”

Fridtjof Undander, Executive Director at Research Council of Norway  
“Strategic Research Alliances with Japan”

11:15-11:30: Coffee Break

**11:30-12:30 Panel 1 Discussion**

12:30-13:30 Lunch

**13:30-14:30: Panel 2: Science and Technology Policy and Innovation: The National Government and Other Actors**

Masuo Aizawa, Counselor to the President Japan Science and Technology Agency (JST): “Japan’s Science and Technology Basic Plans: Methods and Results”

Kathryn Ibata-Arens, Associate Professor, DePaul University,  
“Entrepreneurs and Techno-Locales as Agents of Innovation”

Tormod Njølstad, CTO, Epson Norway Research and Development AS,  
“Innovation in Japanese and Norwegian Companies: Some Personal Experiences”

Arne Bredesen, Professor, Department of Energy and Process Engineering, NTNU  
“The Norwegian Model of Innovation”

14:30-14:45: Coffee Break

**14:45-15:45: Panel 2 Discussion**

**Discussant:** Professor Bjørn Hafskjold, Department of Chemistry, NTNU

**15:45-16:00: Closing Remarks**

**Attendance is open, but registration is required. (Deadline: Friday 22 November.)**

**To register, please click here:**

**<https://survey.svt.ntnu.no/TakeSurvey.aspx?SurveyID=12KL1145>**