



# Europe's Arctic Course

Workshop on the Future of Space Cooperation in the Arctic Region  
8 December 2010

Organised by the European Space Agency and the Institute for Environmental Security

European Space Agency, 8 December 2010  
8-10 Rue Mario Nikis, 75738 Paris Cedex 15, France

The European Union is inextricably linked to the Arctic region... On the whole, Arctic challenges and opportunities will have significant repercussions on the life of European citizens for generations to come. It is imperative for the European Union to address them in a coordinated and systematic manner, in cooperation with Arctic states, territories and other stakeholders<sup>1</sup>.

## | OBJECTIVES |

- ✓ To provide an opportunity for experts from ESA Member States to exchange information and ideas on possible space systems (earth observation and remote sensing, communications and navigation) which can address the challenges in the Arctic in the future.
- ✓ To bring together policy makers and scientists for a multidisciplinary discussion on the environmental security challenges affecting the Arctic region - environment, climate change and the sustainable use of natural resources.
- ✓ To provide information to interested ESA Member States on the forthcoming European Parliament report on "A sustainable EU policy for the High North" and the preparations for the European Commission's June 2011 report to the Council of the European Union and the European Parliament on the European Union and the Arctic.

## | PARTICIPANTS |

The workshop was attended by experts from ESA Member States and Co-operating States, experts of the Arctic region, Members of the European Parliament, representatives of the European Commission. In total 45 people attended the workshop.

A short summary of the workshop will be made publicly available after the event.

<sup>1</sup> Communication from the Commission to the European Parliament and the Council, "The European Union and the Arctic Region", Commission of the European Communities, Brussels, 20.11.2008, COM(2008) 763 final  
[http://ec.europa.eu/external\\_relations/arctic\\_region/docs/com\\_08\\_763\\_en.pdf](http://ec.europa.eu/external_relations/arctic_region/docs/com_08_763_en.pdf)

See also: Statement by Catherine Ashton (High Representative of the Union for Foreign Affairs and Security Policy and Vice-President of the Commission), Debate on EU policy on Arctic issues, European Parliament, Wednesday, 10 March 2010 - Strasbourg  
<http://www.europarl.europa.eu/sides/getDoc.do?type=CRE&reference=20100310&secondRef=ITEM-011&format=XML&language=EN>

## | PROGRAMME |

- 09:30-10:00**      **Registration and Welcome Coffee**  
**10:00-11:00**      **Session 1: Opening and Introduction**

Welcome and Introduction by the Co-Chairs: **Isabelle DUVAUX-BÉCHON**, Head of Future and Strategic Studies, Director General's Policy Office, European Space Agency (ESA) and **Wouter VEENING**, Chairman / President, Institute for Environmental Security (IES)

- ✓ "Challenges in the Arctic – as seen from the Arctic"  
**Gunnar SAND**, Director, University Centre in Svalbard, Norway
  - ✓ "Overview of the Environmental Security Issues in the Arctic Region"  
**Paul Arthur BERKMAN**, Ph.D. Head, Arctic Ocean Geopolitics Programme, Scott Polar Research Institute, University of Cambridge
- Discussion

- 11:00-11:30**      **Coffee Break**

- 11:30-13:00**      **Session 2: Understanding and Monitoring Governing Processes in the Arctic: Environment and Climate Change Issues**

**Moderator: Stephen BRIGGS**, Head, Science & Applications Department, ESA

**Panellists:**

- ✓ **Bo ANDERSEN**, Chairman, Norwegian Polar Research Committee / Director, Norwegian Space Centre

Experts from ESA Member States:

- ✓ **Helmut ROTT**, Professor, University of Innsbruck
- ✓ **Rene FORSBERG**, State Geodesist, National Space Institute, Technical University of Denmark
- ✓ **Abhay DEVASTHALE**, Research Scientist, Swedish Meteorological and Hydrological Institute (SMHI)
- ✓ **Anette BARTSCH**, Vienna University of Technology
  
- ✓ **Sandra CAVALIERI**, Fellow / Coordinator Arctic & Coordinator Transatlantic Programme, Ecologic Institute

Discussion

- 13:00-14:00**      **Lunch Break**

**14:00-14:15**      **Information on the EP Report on “A Sustainable EU Policy for the High North”**

- ✓ **Stewart ARNOLD**, Policy & Communications Adviser, Office of Diana Wallis, MEP, Vice President of the European Parliament

**14:15-15:30**      **Session 3: Service and Infrastructure Needs to support increased Human Activity in the Arctic: Hydrocarbons, Fisheries, Transport, and Tourism**

**Moderator: Isabelle DUVAUX-BÉCHON**, Head of Future and Strategic Studies, Director General's Policy Office, ESA

**Panellists:**

“What is at stake in the Arctic Region?”

- ✓ **Jean-Pierre CONTZEN**, President, St Petersburg Remote Sensing Centre

Experts from ESA Member States:

- ✓ **Bastien DUFOUR**, Counsellor for Space Affairs, Canadian Embassy in France
- ✓ **Charlotte Wiin HAVSTEEN**, Danish Maritime Safety Division/ Member, Danish Space Council
- ✓ **Kjersti MOLDEKLEV**, Senior Adviser, Norwegian Space Centre
  
- ✓ **Iain SHEPPERD**, DG Maritime Affairs and Fisheries, European Commission

Discussion

**15:30-16:00**      **Session 4: Recommendations and Closing**

Summary of the key Ideas and Recommendations by the Co-chairs and Moderators  
Closing Remarks

**| MORE INFORMATION |**

Event webpage: <http://www.envirosecurity.org/arctic/2010Workshop.php>