

Foreword

This publication is part of the OECD's "At a Glance" series which provides snapshots of key policy areas based on data and indicators. The Space Economy at a Glance (2014) provides a statistical overview of the global space sector and its contributions to economic activity. This new edition provides not only recent indicators and statistics based on both official and private data, but also a strategic outlook that identifies new dynamics in the space sector. The figures cover, for the first time, more than forty countries with space programmes.

The space sector plays an increasingly pivotal role in the efficient functioning of modern societies and their economic development. The use of satellite technology in navigation, communications, meteorology, and earth observation is giving rise to a growing stream of applications in such areas as air traffic control, transport, natural resource management, agriculture, environmental and climate change monitoring, entertainment and so on, which in turn are creating new downstream uses and new markets. Space is increasingly seen as a contributing lever for economic growth, social well-being and sustainable development.

This publication is the latest output of the OECD Space Forum in the Directorate for Science, Technology and Innovation (STI). The Space Forum assists governments, space-related agencies and the private sector to better identify the statistical contours of the space sector, while investigating the space infrastructure's economic significance, innovation role and potential impacts for the larger economy. In 2014, the Space Forum's Steering Group has nine members, including national space agencies/official bodies in charge of space activities from eight OECD economies: Canada (Canadian Space Agency), France (Centre National d'Etudes Spatiales), Germany (Deutsches Zentrum für Luft- und Raumfahrt), Italy (Agenzia Spaziale Italiana), Norway (Norsk Romsenter and Ministry), Switzerland (Swiss Space Office), the United Kingdom (UK Space Agency), the United States (National Aeronautics and Space Administration), as well as the European Space Agency. The Space Forum benefits from co-operation with a large network of experts in the international space community.

This publication was prepared under the direction and guidance of Claire Jolly, Head of the OECD Space Forum, with support in conducting research and analysis from Marit Undseth, Research Analyst, Sang In Know, Junior Researcher, Anita Gibson, Development and Outreach Co-ordinator, and editorial assistance from Barrie Stevens, Senior Advisor. The team benefited from contributions from colleagues inside the Organisation, particularly Hélène Dernis for patents and Koen de Backer for global value chains, colleagues from the Economic Analysis and Statistics (EAS) Division for industry data, all from STI. We particularly thank the members of the Space Forum for providing instrumental data and comments. We also thank the industry and institutional participants of two special OECD Space Forum workshops that were organised on global value chains and the space sector in Paris and Washington. Finally, several experts from other organisations also kindly contributed some data: Ken Davidian from the FAA, Brad Botwin and Christopher Nelson from the US Department of Commerce; R. Sateesh Kumar from the Indian Space Research Organisation, Isabelle Sourbès-Verger from CNRS, Pierre Lionnet from Eurospace, Claude Rousseau from NSR, and Carrissa Christensen and Paul Guthrie from Tauri Group, as well as many space industry representatives. Our gratitude goes to all the organisations and individuals who contributed to this publication.



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