



Space Embracing a Changing World: Green, Digital, Resilience & Security

STUDIO 1

TUESDAY 12 JANUARY 2021 (PART I)



09:00 - 09:45

WELCOME ADDRESS

Charles Michel, President of the European Council
Sophie Wilmes, Deputy Prime Minister, Minister of Foreign Affairs, Belgium
Manuel Heitor, Minister of Science, Technology and Higher Education, Portugal
Thierry Breton, Commissioner for Internal Market, European Commission
Presented by Joëlle Vanderauwera, Business Bridge Europe

09:45 - 10:00

KEYNOTE ADDRESS

TAKING STOCK AND LOOKING TO THE FUTURE OF EUROPEAN SPACE
Johann-Dietrich Wörner, Director-General, European Space Agency

10:00 - 10:55

A CHANGING WORLD: A LOOK AT EUROPEAN SPACE

Timo Pesonen, Director-General, DG Defence Industry and Space, European Commission
Roberto Viola, Director-General, DG Communications Networks, Content and Technology, European Commission
Josef Aschbacher, Incoming Director-General, European Space Agency
André-Hubert Roussel, President, Eurospace
Aarti Holla-Maini, Secretary-General, ESOA
Moderated by Chris Burns

10:55 - 11:00

KEYNOTE ADDRESS

TELESPAZIO'S 60 ANNIVERSARY
Luigi Pasquali, CEO, Telespazio

11:00 - 11:15

... *Coffee Break*

11:15 - 12:15

SPACE SUPPORTING THE DIGITAL TRANSITION: FROM QUANTUM TO AI

Manuel Heitor, Minister of Science, Technology and Higher Education, Portugal
Roberto Viola, Director-General, DG Communications Networks, Content and Technology, European Commission
Hervé Derrey, CEO, Thales Alenia Space
Marco Fuchs, CEO, OHB
Steve Collar, CEO, SES
Pierre Bahurel, CEO, Mercator Océan
Moderated by Jorge Coelho de Jesus, Business Bridge Europe

12:15 - 13:15

THE FUTURE OF COMMERCIAL AND SECURE PUBLIC TELECOMMUNICATIONS IN EUROPE

Timo Pesonen, Director-General, DG DEFIS, European Commission
Roberto Viola, Director-General, DG CONNECT, European Commission
Rodolphe Belmer, CEO, Eutelsat
Jean-Marc Nasr, Executive Vice President Space Systems, Airbus Defence and Space
Riadh Cammoun, Vice President Public and Regulatory Affairs, Thales Alenia Space
Elodie Viau, Director of Telecommunication and Integrated Applications / Head of ECSAT, European Space Agency
Moderated by Jean Jacques Tortora, ESPI

13:15 - 14:15

... *Lunch Break*



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- 04:15 - 14:35 **SPECIAL ADDRESS**
Mariya Gabriel, Commissioner for Innovation, Research, Culture, Education and Youth, European Commission
- 14:40 - 14:55 **SPECIAL ADDRESS**
Ambroise Fayolle, Vice President, European Investment Bank
- 15:00 - 16:00 **EUROPEAN NEW SPACE: HOW TO DO INNOVATIVE AND COMPETITIVE SPACE BUSINESS ON THE OLD CONTINENT?**
Alain Godard, Chief Executive, European Investment Fund
Eric Morel de Westgaver, Director of Industry, Procurement and Legal Services, ESA
Ricardo Conde, President, PT Space
Sabine Klauke, Head of Engineering, Airbus Defence and Space
Morena Bernardini, Vice-President Strategy, ArianeGroup
Moderated by Jack Parrock
- 16:00 - 16:15 ... *Coffee Break*
- 16:15 - 17:15 **ACCESS TO SPACE: INNOVATION AND INTERNATIONAL CHALLENGES**
Matthias Petschke, Director Space, DG DEFIS, European Commission
Daniel Neuenschwander, Director of Space Transportation, ESA
Stéphane Israël, CEO, Arianespace
Chris Larmour, CEO, Orbex
Hugo Costa, Member of the Board, Portugal Space
Moderated by Jorge Coelho de Jesus, Business Bridge Europe
- 17:15 - 18:15 **SPACE DATA AND DOWNSTREAM APPLICATIONS: A TOOL FOR THE MODERNISATION OF EUROPE'S ECONOMY**
Rodrigo da Costa, Executive Director, GSA
Evert Dudok, Executive Vice-President Connected Intelligence, Airbus Defence & Space
Vincent-Henri Peuch, Director of Copernicus Atmosphere Monitoring Service, ECMWF
Gregoire Berry, Business Development Director, Serco Europe
Gard Ueland, Chairman, Galileo Services
Moderated by Jean-Jacques Tortora, ESPI
- 18:15 - 18:30 **CLOSING KEYNOTE**
Martina Hirayama, State Secretary for Education, Research and Innovation, (SERI) Switzerland
Pascale Ehrenfreund, President, International Astronautical Federation



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TUESDAY 12 JANUARY 2021



11:15 - 12:15

SPACE APPLICATIONS: CRITICAL RAW MATERIALS

Stephen Quest, Director-General, Joint Research Centre
Patrick Nadoll, Senior Advisor Exploration and Resource Assessment, EIT Raw Materials
Carlo Iorio, Senior Researcher, Graphene Flagship
Moderated by Chris Burns

12:15 - 13:15

ENHANCEMENT OF EUROPEAN SPACE ASSET CYBER RESILIENCE

Thomas Dermine, State Secretary for Economic Recovery and Strategic Investments, in charge of Science Policy, Belgium
Rodrigo da Costa, Executive Director, GSA
Massimo Mercati, Head of ESA Security Office, European Space Agency
Walther Pelzer, Member of the Executive Board, DLR
Pascal Rogiest, Managing Director of RHEA System Luxembourg S.A
Moderated by Chris Burns

13:15 - 14:15

... *Lunch Break*

15:00 - 16:00

SPACE FOR ENERGY, AND CLEAN ENERGY FOR SPACE

Tudor Constantinescu, Principal Adviser, DG ENER, European Commission
Fiammetta Diani, Head of Market Development, European GNSS Agency
Anke Kaysser-Pyzalla, Head of the Executive Board, DLR
Ane Aanesland, CEO, Thrustme
Xavier Vigor, Vice President Technologies, Projects & Industrial, H2 energy initiative, Air Liquide
Jean-Christophe Henoux, Vice-President Future Programmes, ArianeGroup
Moderated by Torsten Kriening, SpaceWatch.Global

16:00 - 16:15

... *Coffee Break*

16:15 - 17:15

SPACE APPLICATIONS: MARITIME TRANSPORT & ACTIVITIES

Maja Kostelac, Executive Director, EMSA
Christian Hauglie-Hanssen, CEO, Norwegian Space Agency
Arne Matthysen, Chief Solutions and Innovations Officer, RHEA Group
Piet Opstaele, Innovation Enablement Manager, Port of Antwerp
Moderated by Jack Parrock

17:15 - 18:15

AFRICAN AND EUROPEAN SPACE BUSINESS AT THE SERVICE OF THE GREAT SOCIETAL CHALLENGES

Jutta Urpilainen, Commissioner for International Partnerships, European Commission
Philippe Glaesener, SVP, Corporate Development, SES
Oluseye Soyode-Johnson, Board Member, GEN Space Africa
Christophe Mutabazi, CTO, DMM HeHe
Cécile Thomas-Courcoux, International Development & Cooperation Director, Mercator Océan
Moderated by Jorge Coelho de Jesus, Business Bridge Europe



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STUDIO 3

TUESDAY 12 JANUARY 2021



11:15 - 12:15

EUROPEAN SPACE TECHNOLOGY MANUFACTURERS AND CRITICAL VALUE CHAINS

Matthias Petschke, Director Space, DG DEFIS, European Commission

Andreas Lindenthal, Head of Business Operations Space Systems, Airbus Defence and Space

Rolf Skatteboe, CEO, Kongsberg Satellite Services

Lutz Bertling, Chief Strategy & Developm. & Chief Digital Officer, OHB

Phillippe Dewost, Advisor & Member of the board, SmartB

Moderated by Jean Jacques Tortora, ESPI

12:15 - 13:15

CLEANING UP OUR ORBITS: ACCELERATING THE MOVE TO REMOVE SPACE DEBRIS

Ekaterini Kavvada, Director Development and Innovation, DG Defence Industry and Space, European Commission

Rolf Densing, Director of Operations, ESA

Niklas Hedman, Chief of Committee, Policy and Legal Affairs Section (CPLA), UNOOSA

Jorge Potti, General Manager, GMV Aerospace

Luca Rossettini, CEO, D-Orbit

Moderated by Jorge Coelho de Jesus, Business Bridge Europe

13:15 - 14:15

... *Lunch Break*

15:00 - 16:00

SPACE APPLICATIONS: AVIATION

Walther Goetz, Head of Cabinet, Commissioner Valean, European Commission

Florian Guillermet, Executive Director, Sesar JU

Thibauld Jongen, CEO, SABCA

Thomas Reynaert, Magaing Director, Airlines for Europe

Moderated by Jorge Coelho de Jesus, Business Bridge Europe

16:00 - 16:15

... *Coffee Break*

16:15 - 17:15

HOW CAN EUROPE DERIVE MORE BENEFITS FROM ITS NEW ENTERPRISES FOR SPACE TO BETTER COMPETE WITH THE US AND CHINA ?

Nicolas Capet, President, Anywaves

David Henri, CEO, Exotrail

Benoit Deper, CEO, AerospaceLab

Juan Tomas Hernani, CEO, Satlantis,

Bogdan Gogulan, CEO, Newspace Capital

Adrià Argemí, CEO, Pangea

Moderated by Jean-Jacques Dordain

17:15 - 18:15

SPACE DATA FOR SECURITY AND DEFENCE

Christophe Grudler, Member of the European Parliament

Jiří Šedivý, Chief Executive, EDA

Ambassador Sorin Ducaru, Director, SatGen

Ekaterini Kavvada, Director Development and Innovation, DG DEFIS, European Commission

Ignacio Mataix, Executive Director and Senior Vice-President for Transport and Defence Business, INDRA

Moderated by Jack Parrock



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WEDNESDAY 13 JANUARY 2021



- 09:00 - 09:05 **VICE PRESIDENT - HIGH REPRESENTATIVE ADDRESS**
Josep Borrell, High Representative of the Union for Foreign Affairs and Security Policy, Vice-President of the European Commission
- 09:05 - 09:30 **WELCOME ADDRESS**
SPACE IN THE EUROPEAN AND NATIONAL RECOVERY PLANS
Manuel Heitor, Minister of Science, Technology and Higher Education, Portugal
Thomas Jarzombek, Commissioner for the Digital Industry and Start-ups and Federal Government Coordinator of German Aerospace Policy, Germany
Cristian Silviu Buşoi, Chair ITRE Committee, European Parliament
Kris Peeters, Vice-President of European Investment Bank
- 09:30 - 10:00 **KEYNOTE ADDRESS**
Pedro Duque, Minister of Science and Innovation, Spain
Zdravko Počivalšek, Minister of Economic Development and Technology, Slovenia
Mariya Gabriel, Commissioner for Innovation, Research, Culture, Education and Youth, European Commission
- 10:00 - 11:00 **THE ROLE OF RESEARCH IN BOOSTING EUROPEAN SPACE COMPETITIVENESS**
Signe Ratso, Deputy Director-General, DG RTD, European Commission
Franco Ongaro, Director of Technology, Engineering and Quality (D/TEC) and Head of ESTEC, ESA
Bruno Sainjon, President, ESRE
Luigi Pasquali, CEO, Telespazio
Jesús Serrano, CEO, GMV Group
Moderated by Jorge Coelho de Jesus, Business Bridge Europe
- 11:00 - 11:15 ... *Coffee Break*
- 11:15 - 12:15 **SPACE AND DEFENCE: LEVERAGING NEW OPPORTUNITIES IN THE MFF 2021-2027**
Nathalie Loiseau, SEDE Chair, European Parliament
Timo Pesonen, Director-General, DG DEFIS, European Commission
André-Hubert Roussel, CEO, ArianeGroup
Hervé Derrey, CEO, Thales Alenia Space
Michel Bosco, Strategic Advisor, RHEA Group
Moderated by Xavier Pasco, Fondation pour la Recherche Stratégique
- 12:15 - 13:15 **SPACE EXPLORATION: EUROPE ON THE MOON AND MARS**
Jean-Yves Le Gall, President, CNES
Giorgio Saccoccia, President, Italian Space Agency
David Parker, Director of Human and Robotic Exploration, ESA
Massimo Claudio Comparini, Deputy CEO, Senior Executive Vice President Observation, Exploration and Navigation, Thales Alenia Space
Agata Jozwicka-Perlant, Head of New Customers & Services in Future Programmes, ArianeGroup
Moderated by Jean-Jacques Tortora, ESPI
- 13:15 - 13:40 **CLOSING KEYNOTE**
Marian-Jean Marinescu, President of the Sky and Space Intergroup, European Parliament
Massimiliano Salini, Rapporteur EU Space Programme, Vice-President of the Sky and Space Intergroup, European Parliament
Christian Ehler, Rapporteur Horizon Europe, Member, European Parliament



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11:15 - 12:15

COPERNICUS : EUROPE'S SENTINEL IN TIMES OF CHANGE AND PROGRESS

Josef Aschbacher, Incoming Director-General elect & Director of Earth Observation Programmes, ESA

Matthias Petschke, Director Space, DG DEFIS

Phil Evans, Director-General Eumetsat

Jean-Noël Thépaut, Director of Copernicus Services, ECMWF

Pierre Yves Le Traon, Scientific Director, Mercator Océan

Moderated by Chris Burns

12:15 - 13:15

EVOLVING EUROPEAN SPACE ECOSYSTEMS: MORE SUSTAINABLE MORE COMPETITIVE MORE RESILIENT

Angelika Niebler, Member of the European Parliament

Marius-Ioan Piso, Chairman of UN COPUOS and President of the Romanian Space Agency

Paraskevi Papantoniou, Head of Unit Space Policy, DG Defence industry and Space, European Commission

Ambassador François Rivasseau, Permanent Representative of France to the United Nations in Geneva and international organizations in Switzerland

Prof. Vaios Lappas, HyImpulse Technologies

Prof. Lorraine Hanlon, Director of the Centre C-Space, UCD Centre for Space Research

Moderated by Jorge Coelho de Jesus, Business Bridge Europe



STUDIO 3

WEDNESDAY 13 JANUARY 2021



11:15 - 12:15

5G AND THE INTERNET OF THINGS

Khalil Rouhana, Deputy Director-General, DG CONNECT, European Commission

Elodie Viau, Director of Telecommunication and Integrated Applications / Head of ECSAT, European Space Agency

José Luis Serrano, Head of Innovation, Hispasat

Alexandre Tisserant, CEO, Kineis

Guillaume Scottez, Director of strategic projects development, Eutelsat

Gerry Collins, Network & Services Policy Expert, ESOA

Moderated by Jorge Coelho de Jesus, Business Bridge Europe

12:15 - 13:15

BUILDING DIGITAL TWIN EARTHS FOR A RESILIENT SOCIETY

Sirpa Pietikäinen, Member of the European Parliament

Roberto Viola, Director-General, DG CONNECT, European Commission

Josef Aschbacher, Director-General elect & Director of Earth Observation Programmes, European Space Agency

Matthias Petschke, Director, DG DEFIS, European Commission

Prof. Martin Visbeck, Head of the Physical Oceanography research unit, Geomar

Dr. Nuria Oliver, Vice President and Co-founder of ELLIS, the European Laboratory for Learning and Intelligent Systems

Moderated by Chris Burns