

ADEME-KEA: Speaker biographies

Wednesday 30th June 2021



SPEAKERS

OPENING REMARKS



Mr. Arnaud LEROY – CEO, ADEME

Arnaud Leroy is a graduate in Maritime Law, International Law of the Sea and Protection of the Marine Environment. He began his career in the European Parliament as a parliamentary assistant and then, in 2001, he was appointed Secretary General of the French Green delegation. In 2004, he was appointed to the European Maritime Safety Agency (EMSA) where he was in charge of the protection of the marine environment and issues related to climate change. In 2005, he joined the Socialist Party and the Overseas French Federation. Elected Member of Parliament (MP) of the fifth constituency of French Living Abroad in 2012, he served for 5 years in the Commission on Sustainable Development and Spatial Planning and in the European Affairs Committee of the National Assembly in which he followed, in particular, the texts related to energy and environmental transition. He is the author and rapporteur of a bill called the "Leroy Law" on the blue economy, adopted in 2016, which includes measures to simplify and facilitate the revival and development of the maritime economy. He also chaired the study group on climate change in the National Assembly and co-chaired the Association Bilan Carbone which offers solutions to organisations regarding the accounting and reduction of GHG emissions. He is also a member of the Executive Office of "République en Marche", in charge of international matters. Arnaud Leroy was appointed Chairman of the Board of Administration of ADEME (French Agency for Ecological Transition) by decree on 14 March 2018.

Mr. Chang-seob KIM – President, KEA

Mr. Chang Seob KIM is President of Korea Energy Agency (KEA). Before joining KEA, he was Commissioner of Presidential Committee on Green Growth and Director of Management Division in 2018. After serving a Chair of Public-Private Working Group for the 2nd Energy Master Plan in 2013, Mr. KIM became Commissioner of Electric Power Policy Council of MOTIE (Ministry of Trade, Industry, and Energy) in 2014 – 2017, and Commissioner of Nuclear Safety Communication Commission of KHNP (Korea Hydro & Nuclear Power Co., Ltd.) in 2015-2016. In 2011 – 2016, he served as Commissioner of Energy Commission, and in 2010 – 2014, Chair of the 5th and 6th Basis Plan on Electricity Supply and Demand of MOTIE (Ministry of Trade, Industry, and Energy). In 2008-2018, Mr. KIM was professor of Energy IT Department at Ga-Chon University, and Graduate School of Knowledge-Based Technology & Energy at Korea Polytechnic University in 2003 – 2008. In 1992 – 2003, he became Team Manager of Climate Response Division of KEA (Korea Energy Agency). Mr. KIM holds D.E., M.S. and B.S. in Electrical Engineering from Seoul National University of Korea.



SESSION 1: INTRODUCTION TO "OFFSHORE WIND POWER" POLICIES AND R&D STATUS



08:45-08:55 CET

Mr. Matthieu LAURENT - Offshore Wind Project Manager, DGEC, Ministry for Ecological Transition

Matthieu Laurent is in charge of the marine renewable energies group and a project manager at the Direction Générale de l’Energie et du Climat (DGEC). The DGEC is a central administration body which formulates and implements the French government’s policy for energy as well as for combating climate change. The DGEC is in charge of the organisation of French Offshore Wind Call for Tenders. Trained as a naval architect, he worked 3 years for Principle Power on multiple projects, especially WindFloat Atlantic, Kincardine Offshore Wind Farm and Eoliennes Flottantes du Golfe du Lion, with various roles ranging from load engineer to

technical commissioning manager.

08:55-09:05 CET

Mr. Sangjoon KIM - Director, Wind Division, KEA

Sangjoon Kim is a Team Leader in National Wind Power Support Division.

Since 2018, he has been in charge of wind power systems and support.

To support offshore wind power project, we are pushing to introduce a special law on wind power generation.





09:05-09:15 CET

Mr. Régis LE BARS – Director of Innovation Funding (ADEME – Department for Enterprise and Industrial Transition)

Régis is a graduate of the ENSTA School in mechanical engineering and holds an MBA in management from IAE Paris Sorbonne. He began his career in 1998 in the automotive industry working for Matra Automobile as a project manager on the conception, development and mass production of powertrains, air conditioning and cooling system for various types of vehicles. In 2007 he joined the French Industrial Innovation Agency (AII) as a program manager in the field of Energy & Transportation. In 2008 Régis joined ADEME (the French Agency for Ecological Transition) to set up the French Demonstration Fund (Fonds démonstrateur de recherche) which is dedicated to the early-stage funding of projects in the field of transport, smart grids, CO2 capture & storage and marine renewable energies. Régis was also given the responsibility to the head ADEME's Research and Advanced Technologies Department. In 2011, with the creation of the « innovation for the future » program (programme Investissements d'avenir) Régis was appointed to lead the energy component which benefited from approximately 1 billion € of state aid and that has as an objective to promote innovative projects developed by private sector companies in the field of ecological transition. Since 2018, he leads the ADEME department dedicated to monitoring investments, the evaluation, and the promotion of the 951 projects funded by the ADEME « Investissements d'avenir » Program. This program now has approximately 2,4 billion € state aid with a portion in refundable loans comprising of 22 themes concerning the field of ecological transition.

09:15-09:25 CET

Mr. Ki-Yeoung KWEON – Wind Program Director, KETEP

He is the Program Director of Renewable Energy Planning Division at KETEP (Korea Institute of Energy Technology Evaluation and Planning), an energy R&D funding agency in Korea since 2016.

His main role is developing strategy aligned with government energy policy and planning national R&D projects for wind energy.

He worked for R&D of electrical power equipment and wind turbine in HYOSUNG Heavy Industry (1989~2016).

He is a member of IEA Wind Task 11 and KWEA.

He studied Mechanical engineering at Seoul National University (1989), and he received a P.h.D.(2004) from the University of Liverpool, UK..



SESSION 2: INFORMATION EXCHANGE ON "OFFSHORE WIND POWER" PROJECTS AND TECHNOLOGIES

PART A

09:30-09:40 CET

Mr. Dongwan CHOI - Executive Director in Strategy Department and Domestic & Overseas, Sales Department, **Shilla Corporation**

Mr. Choi Dongwan is an Executive Director in Strategy Department and Domestic & Overseas Sales Department at Shilla Corporation. He achieved Bachelor of Industrial Design Degree at Konkuk university in Korea and studied at NYU School of Professional Studies (MIS) in USA. He first managed KT WiBro Business Strategy TF team and then SK Mobile CyWorld team as a team leader. He ran an agency of SPC Happy Point Membership Business. Since 2012, he has been managing the business of Wind Turbine bearing and Construction Machinery bearing as an Executive Director at Shilla Corporation.



09:40-09:50 CET

Mr. Stéven CURET - Offshore wind funding and advocacy Leader, **General Electric**

Born in 1975, Stéven Curet hold a postgraduate degree in Industrial Economics specialized in Energy, Finance, Carbon from the Dauphine University in Paris (2000). In 1999, he graduated with a master degree in Economics and Business Strategy.

He worked for the French Embassies in the USA and India from 2001 to 2007, supporting French companies in energy and high technologies sectors in their international development. Then, he hold the positions of Director Energy Policies France & Business Intelligence and North America Director for Alstom from 2007 to 2014. He was also Innovation Programs Director at Alstom in Paris for the next 2 years stimulating synergies between the four businesses of Alstom and strengthening

open innovation.

Since March 2016, he serves as Offshore Wind France Director and Offshore external funding and public affairs Leader at GE Renewable Energy managing public relations, advocating public policies and leveraging public funding for investments and R&D projects in GE Offshore Wind business across Europe. Since 2018, he also acts as President of GE Wind France and GE Offshore France and manages the Nantes site, headquarter and engineering center of the GE Offshore Wind business.

GE 's Offshore Wind business has been the first offshore wind turbine supplier to have projects in Europe, Asia and the Americas. GE Offshore Wind is currently working on the assembly of the 80

Haliade 150-6MW units that will power the first offshore windfarm in France while preparing the 5.7GW backlog of projects in the US and the UK with the Haliade-X technology.

09:50-10:00 CET

Mr. Juan KIM - Part Leader in Offshore Windfarm, **SeAH Steel Corporation**

Juan Kim is a Part Leader in Offshore Windfarm Part at SeAH Steel.

Born in 1978, he entered SeAH Steel in 2008 and took charge of export sales for the carbon steel welded pipes. He is the first man to create and develop the offshore windfarm sales at SeAH Steel. Since 2017, he has made multiple contracts of substructures for the offshore windfarm projects in Europe and Taiwan.



10:00-10:10 CET

Mr. Benjamin MAURIES - Offshore Plant & Renewable Systems Development Department Manager, **SAIPEM**

Benjamin MAURIES is the floating wind product development manager within Saipem Offshore E&C division. He has been working for Saipem in Saint-Quentin-en-Yvelines in France near Paris since 2003 after graduating as an engineer from Ecole Centrale Paris. He worked as R&D project engineer and R&D project manager for new developments in the fields of LNG (FLNG, storage, transfer systems) and SURF technologies, as coordinator of R&D activities in these areas and also on various green field development projects (from conceptual phases to FEED / EPCI tender phases). From 2018 to 2020, he managed the Offshore Plant & Renewables Systems Development department, covering in particular floating wind technology development in Saipem.

SESSION 2: INFORMATION EXCHANGE ON "OFFSHORE WIND POWER" PROJECTS AND TECHNOLOGIES

PART B



10:35-10:45 CET

Mr. Dongjoon YUH - Wind Power Sales & Marketing Team / Senior Manager, **Doosan Heavy Industries**

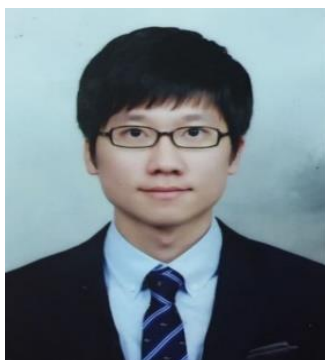
Dongjoon Yuh joined Doosan Heavy Industries & Construction in 2007.

Currently he is in charge of government relations and external cooperation as a member of Wind Power Sales & Marketing team.

10:45-10:55 CET

Mr. Paul DE LA GUERIVIERE – CEO, **IDEOL**

Paul de la Guérvivière is the CEO of BW Ideol and founder of the company. He has more than 20 years' experience in developing and financing renewable energy projects all over the world which has given him an intersectoral and international vision. He has built up an extensive network of project developers, manufacturers and investors, in developed and developing countries. Prior to the creation of Ideol, Paul was focused on financing new businesses in China and large infrastructure projects. Paul holds a Master of Science degree from the École des Ponts ParisTech.



10:55-11:05 CET

Mr. Jin-wuk HONG - Senior Researcher, **Hyundai Heavy Industries**

JinWuk Hong is a Senior Researcher in Load & Response Research Department at Hyundai Heavy Industries. He graduated with his masters in 2012 from Kyoto University. He has worked in oil and gas field for 10 years especially in an offshore installation analysis part.

Since 2019, he has been developing a floater.

11:05-11:15 CET

Mr. Mathieu AUPERIN - Head of Renewables Business Unit, Dolphines

Mathieu Auperin is managing the Renewables Business Unit of Dolphines, a company specialized in providing services and solutions to the energy industry. Born in 1971, he graduated in 1994 as a structural engineer from Centrale Nantes (France).

He worked 20 years within the oil & gas offshore industry before switching to the offshore renewables 5 years ago. He lead the technical offers of Saipem for the foundations of Saint Nazaire and Courseulles Wind farms of EDF Renewables. He managed also the development of the HexafloatTM prototype, the floater developed by Saipem for the XXL turbines.



11:25-11:35 CET

Mr. Laurent VERDIER - Renewable Product line Director, SBM

Laurent Verdier is Renewables Product line director of SBM offshore since 2019, and is responsible for business development, acquisition and execution of renewables project portfolio.

He has 22 years' experience in international power plant projects and, in the last 10 years, he has been responsible for building and leading project organization for Wind on-shore and Wind off-shore OEMs to deliver prototype and commercial on-shore and off-shore windfarms in all continents. In such role, he supported the business model transformation to find the right balance between project execution and serial production model, which is also key success factor for the development of floating off-shore wind industry. SBM Offshore have supplied more than 100 floating production and more than 450 offshore mooring systems over almost 60 years for O&G business, and looking at deploying its technology in floating wind projects as these require strong offshore experience and expertise.

WRAP-UP



Mr. Philippe MASSET - Europe and International Director, ADEME

Philippe Masset, who obtained his engineer degree in 1985, has managed energy efficiency for communities of the region Nord-Pas de Calais until 1992. Mid 1992, he was employed by the European Commission in Brussels (DG Energy) as an expert in charge of accompanying measures of an energy demonstration programme towards SMEs and regions (THERMIE) till 1998.

In 1998, he became responsible for European and international projects and networks at the Energy Agency of the Nord-Pas de Calais Regional Council. In 2001, he was recruited by ADEME as Head of International Programmes and Partnerships Unit, and he

became Director for European and international affairs in 2020.

Mr. Sung-moon JUNG - Director, Global Project Division, KEA

Dr. Jung is Director of Global Project Division at KEA. He is in charge of developing renewable energy projects and supporting businesses in KEA. He received a doctorate in economics for analyzing the efficiency of renewable energy and climate policies of Korea.

