

## 9 June - Plenary Welcome 08h30 / 09h00

<b>Welcome address 1</b>	Laurent HENART - <i>Mayor of Nancy</i>
<b>Welcome address 2</b>	Philippe VARIN - <i>Chairman World Materials Forum</i>

## 9 June - Plenary Session 1 – Prospective Study on some critical materials 9h00 – 10h45

Location : City Town Hall

- Alan DAVIES - *CEO Rio Tinto Diamonds & Minerals - Chair (Australia)*
- Robert FRIEDLAND - *Chairman Ivanhoe Capital Corporation - Chair (Singapore)*
- Vincent LAFLECHE - *CEO BRGM (France)*
- Sigurd MAREELS - *Senior Partner McKinsey (Belgium)*
- David TRAFFORD - *CEO CRU (UK)*

**Moderator** : Philippe BIDEAU, *Director Emeritus, McKinsey & Co*

## 9 June - Plenary Session 2 – Roundtable : KPI's for materials efficiency 10h45 / 12h30

Location : City Town Hall

- Shunichi MIYANAGA - *CEO Mitsubishi Heavy Industries - Chair (Japan)*
- Jean-Pierre CLAMADIEU - *CEO Solvay - Chair (Belgium)*
- Dr. Klaus RICHTER - *Executive VP and Chief Procurement Officer Airbus Group (France/Germany)*
- Prof. Frank BOURNOIS - *Dean & COO ESCP Europe (France)*
- Cynthia ARNOLD - *CTO Valspar (USA)*

**Moderator** : Prof. Victoire de MARGERIE, *Vice-Chairman World Materials Forum*

12h30 -14h00 

14h00 / 14h30

## 9 June - Scientific Presentation – Spintronic and cognitive computing technologies for material efficiency

Prof. Stuart PARKIN, *Director Max Planck Institute of Microstructure Physics, Halle University*

## 9 June - Workshop # 1 14h30 / 16h15

Location : City Town Hall



### WS 1.1 : 3D PRINTING FOR ZERO MATERIAL WASTE

- Pete RABY, Chair  
*CEO, Morgan Advanced Materials (UK)*
- Prof. Sung HA, Co-Chair  
*Director Mechanical Engineering Department, Hanyang University (Korea)*
- Christian COLLETTE  
*CTO, Arkema (France)*
- Olivier CAUQUIL  
*Senior VP, Head of Material and Parts Procurement, Airbus (France)*
- Mike MARUCCI  
*Global VP Advanced Technology, GKN Powder Metallurgy (USA)*
- Johannes HOMA  
*CEO, Lithoz (Austria)*

Location : Museum of Fine Art



### WS 2.1 : CATCH UP ON PLASTICS PACKAGING WASTE

- Daniele FERRARI, Chair  
*CEO Versalis (Italia)*
- Carl Gustaf LUNDIN, Co-Chair  
*Director, Global Marine and Polar Programme, IUCN (Switzerland)*
- Laurent BOCAHUT  
*Funding partner, Fonds Européen des Matériaux (France)*
- Karma YONTEN  
*CEO, Greener Way (Bhutan)*
- Jean-Marc BOURSIER  
*Senior Executive VP, SUEZ (France)*
- Michael HEYDE  
*MD, DSD Resource GmbH (Germany)*

**20h00 / Welcome address** André ROSSINOT - *President Grand Nancy*

**20h30 / Gala Dinner**

**WS 1.2 : INTERNET OF THINGS FOR REDUCED MATERIALS INTENSITY**

Location: City Town Hall

- Andy REYNOLDS SMITH, Chair  
CEO, Smiths Group (UK)
- Prof. Hideo OHNO  
Director Center for Spintronics Integrated System, Tohoku University (Japan)
- Patrick KOLLER  
COO, Faurecia (France)
- Prof. Donald MALOCHA  
Director, Center for Applied Acoustoelectronics Technology, University Central Florida (USA)
- Yannick CHAMMING  
CEO, Adeneo (France)

10h00 – 10h30

**WS 2.2 : NEW MATERIALS COMBINATIONS FOR BUILDING AND HOUSING**

Location: Museum of Fine Art

- Pierre-André de CHALENDAR, Chair  
CEO, Saint Gobain (France)
- Moyo KAMGAING, Co-chair  
Group Head of Investment Banking, Ecobank (Ghana)
- Dr Sivarama SARMA BHASKARA  
Head Research and Development, Larsen & Toubro Construction (India)
- Enrico BORGARELLO  
CTO, Italcementi (Italia)
- Gavin Mc INTYRE  
CEO and Founder, Ecovative Design (USA)
- Rod BEDDOWS  
Senior Advisor for Global Steel Industry, Royal Bank of Canada (UK)

**10 June - Plenary Session with Emmanuel Macron, the French Minister of Economy**

10h30 / 11h15

**10 June - Visit of the SMEs Forum by Emmanuel Macron, the French Minister of Economy**

11h15 / 11h45

**10 June - Workshop # 3**

11h45 / 13h30

**WS 1.3 : MATERIALS SOLUTIONS FOR LIGHTWEIGHTING**

Location: City Town Hall

- Thierry LE HENAFF, Chair  
CEO, Arkema (France)
- Prof. Reinhold DAUSKARDT, Co-chair  
Associate Chair, Department of Materials Science, Stanford University (USA)
- Myron MAURER  
Senior Director, Materials Development, Nike (USA)
- Thierry MERLOT  
VP Europe, Hexcel (France)
- Sam RIGGALL  
CEO, Clean Teq (Australia)
- Dr Stefan MAAT  
Director Materials, YTC America (USA)

13h30-14h30

**WS 2.3 : NEW MOBILITY MODELS TO INCREASE CAR USAGE RATES**

Location: Museum of Fine Art

- Philippe GERMOND, Chair  
CEO, Europcar (France)
- Prof. Vijay GURBAXANI, Co-chair  
Director of the Center for Digital Transformation, University of California, Irvine (USA)
- Gweno   COZIGOU  
Director Advanced Value Chains, DG GROW, EEC (Belgium)
- Maxime PICAT  
Managing Director, Peugeot (France)
- Olivier BINET  
CEO, Karos (France)
- Fraser ROBINSON  
Head of EMEA Business Development, Uber (UK)

**10 June - Debate**

14h30 / 16h00

Location : City Town Hall

**"Which governance for a new growth model less intense in materials"**

- Philippe VARIN, Chairman World Materials Forum - Chair (France)
- Lionel ZINSOU, Former Prime Minister of Benin (Benin)
- Xaver EDELMANN, Chairman World Resources Forum (Switzerland)
- Prof. Vijay GURBAXANI, Director of the Center for Digital Transformation, University of California, Irvine (USA)
- Gweno   COZIGOU, Director Advanced Value Chains, DG GROW, ECC (Belgium)

**Moderator :** Laurent PERPERE, Group Managing Partner, Brunswick**10 June – Restitution on all workshops**

16h00 / 16h30

- Prof. Victoire de MARGERIE, Vice-Chairman World Materials Forum
- Prof. St  phane MANGIN, Head of research team of Nanomagnetism and Spintronics, Universit   de Lorraine
- Philippe BIDEAU, Director Emeritus, McKinsey & Co
- Eric BRAC de LA PERRIERE, Expert in Circular Economy

16h30

**Closing remarks**

Philippe VARIN, Chairman World Materials Forum