Industry Partnership for Chemicals 2012

Industry Partnership for Chemicals of the World Economic Forum is an exclusive committee of top global leaders in the chemicals industry that are sharing the Forum’s mission. With privileged access to the Forum’s multistakeholder networks and experts, partnership offers:

- Unique global network of industry and cross-industry peers, key government stakeholders; academia and civil society leaders.
- Foresight on global, regional and industry trends;
- Opportunity to contribute to leading positive change across major industry issues to position Companies and Industries as responsible corporate global citizenship;
- Insights of risks and collaborative solutions to mitigate these;
- Dialogue with civil society on pressing issues for industry;
- Opportunity to position companies as a Thought Leaders;
- Highlighted visibility.

The Chemicals Industry Community leverages the Forum’s convening power to enable the community to be recognised as a solutions provider to global challenges.

Chemicals Community

Participation is exclusive to the most influential Member companies within Chemicals Industry (Forbes 1000 list). Through its collaborative approach, the Forum enables Partners to engage in initiatives and stay on top of the global agenda throughout the year. The community spans from petrochemicals and fertiliser producers to commodity chemicals and specialties.

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<th>BASF</th>
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<td>Bayer</td>
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**Associated Partners:** Shell, Total, Saudi Aramco, Exxon, Chevron, Yara, Syngenta, Monsanto, Sasol

**Advisors to the Chemicals Community:** The community of Chemicals Industry Partners has access to a selected group of external advisors (we would suggest to modify/reduce this part – subject to discussion):

- **Cheng Siwei,** Chairman, International Finance Forum (IFF), People’s Republic of China
- **Lee Sang-Yup,** Distinguished Professor, Director and Dean, Korea Advanced Institute of Science and Technology (KAIST), Republic of Korea
- **Li Yongwu,** Chairman, China Petroleum and Chemicals Industry Federation, People’s Republic of China
- **Sir David King,** Executive Director, Smith School of Enterprise and the Environment, University of Oxford, United Kingdom
- **Kiyoshi Kurokawa,** Professor, National Graduate Institute for Policy Studies (GRIPS), Japan
- **Dennis J. Snower,** President, Kiel Institute for the World Economy, Germany
- **Noubar Afeyan,** Founder and Chairman, Joule Unlimited, USA, Senior Lecturer, Martin Trust Centre for MIT Entrepreneurship

**Interaction**

Partnership offers privileged access to the Forum’s networks across business, government, academia and non-governmental organizations for Global Chair/Chief Executive Officer and senior leadership team. Together, these key leaders identify issues that can benefit from collaborative action to create the necessary change through enhanced participation in community meetings.
Insight

The World Economic Forum Industry Partnership is a platform for gaining insights and determining business priorities in the complex global environment. The Forum’s role is to support in determining priorities and connecting the relevant decision-makers (including member companies, policymakers, civil society and academia) needed to address any particular issue or set of challenges. Two Forum’s networks are generating insights that feed directly into Industry Partnership Programme:

The Risk Response Network is the Forum’s community of Chief Risk Officers and specialists that are convened to analyse major global risks to equip companies and experts with knowledge.

The Network of Global Agenda Councils is a multistakeholder group convening top global experts, that are tackle the most important issues on the global agenda. The insights from both networks feed directly into the Industry Partners Program. Relevant Councils include: Emerging Technologies, Biotechnologies, Food Security (and Nutrition), New Energy Architecture, Climate Change, Water Security, Advanced Manufacturing, Supply Chain and Transport.

Impact

Through its collaborative approach, the Forum enables Partners to individually take better informed decisions, to focus on priority issues and to develop collaborative and multistakeholder solutions. The Chemicals Community focuses on projects related to global mega trends and related innovation needs:

**Collaborative Innovation**

Chemical industries are potential solutions providers to many global challenges, but not in isolation. The objective of this platform is to foster emerging technologies at pre-competitive stage, by creating dialogue between corporate sector, policymakers and civil society. Ongoing projects focus on bio-based society and energy harnessing technologies, technology combinations and materials. New projects will focus on circular economy and alternative feedstocks such as “cleaner” coal and shale gas.

The initiative looks at innovation heat maps and cross-sectorial implications of related emerging industries. The framework to foster emerging industries should integrate products not as stand-alone, but as solutions bringing to integrated systems which can provide differentiated values. Value chains are therefore transformed into value networks. The opportunity provided by exploring emerging industries within this framework is to combine research and entrepreneurship. This framework will also help to change the paradigm from consumption-driven growth to solution-functional-driven growth focusing on sustainability.

Initiative aimed at creation of the alignment within chemicals industry with regards to the definition of sustainability and to what it comprises for the industry. Next step will be reaching out to other industries, such as consumers.

**Emerging Industries Ecospheres**

This initiative looks to make the transition from the old to the new energy architecture more effective using the energy triangle of competitiveness-sustainability-security.

**“Sustainability Criteria”**

This initiative engages the public and private sectors in developing a shared agenda for action to meet food security, economic development and environmental sustainability goals. It has country partnerships with Mexico, Indonesia, Tanzania and Vietnam, with India planned.

**The New Energy Architecture**

Other initiatives engaging Industry Partners include Manufacturing for Growth, Sustainable Transport Ecosystem, Green Growth Partnerships, Scaling Sustainable Consumption and many more.

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