

THE ULSAN STATEMENT

29 June 2016

Ulsan, Republic of Korea

The Ulsan Statement presents the recommendations of the fourth Green Industry Conference, co-organized by the United Nations Industrial Development Organization (UNIDO) and Ulsan Metropolitan City, with the support of the Ministry of Foreign Affairs and the Ministry of Trade, Industry and Energy of the Republic of Korea, the Korea Energy Agency, the National Research Council for Science and Technology, the Korea Institute for Industrial Economics and Trade, the Korea Small and Medium Business Administration, and the China Energy Conservation and Environmental Protection Group.

The Ulsan Statement reflects participants' discussions on the interdependence between industry and cities in the context of promoting resource efficiency, green technology and eco-innovation for a circular economy, and builds on the outcomes of the previous UNIDO Green Industry Conferences, a regular global event since 2009.

The Ulsan Statement supports the broader framework of the 2030 Agenda for Sustainable Development and seeks to address the needs and challenges associated with the achievement of the Sustainable Development Goals (SDGs), notably SDG 7 on clean energy, SDG 9 on industry, innovation and infrastructure, SDG 11 on sustainable cities, and SDG 12 on sustainable consumption and production.

It recognizes the importance of promoting green industry solutions for the reduction of global greenhouse gas emissions, reflecting the overarching goal of the Paris Agreement (COP 21) to keep global temperature rise to well below 2 degrees Celsius above pre-industrial levels.

Furthermore, the Ulsan Statement aims to guide future discussion on green industry and sustainable cities, including at the Conference on Housing and Sustainable Urban Development – "Habitat III" – to take place in Quito, Ecuador this October.

The Ulsan Statement pertains to the principles of UNIDO for inclusive and sustainable industrial development and recognizes the need to harness industry's full potential towards achieving economic growth and shared prosperity, while safeguarding the environment.

At the same time, it reflects the engagement of Ulsan Metropolitan City towards green, resource-efficient and sustainable development of cities.

The conference highlighted the importance of the application of green industry concepts to manufacturing processes; showcased innovative management and technology approaches; presented and demonstrated the commercial viability of applying green policies and practices; and identified challenges and opportunities for different sectors and regions in strengthening green industry solutions towards the achievement of the SDGs.

Within this context, on this day, 29 June 2016, participants of the fourth Green Industry Conference proclaim the following:

Recognizing that urbanization is one of the global megatrends which will influence development in the century to come, cities have a fundamental role in the achievement of the 2030 Agenda for Sustainable Development. They can nurture a new type of industrialization that underpins a circular economy, encompassing resource efficiency, cleaner production, greater use of renewable energies, smart city planning, information and communication technologies, and infrastructure improvements.

Likewise, the advent of Industry 4.0 and the Internet of Things is another megatrend that will shape the industrialization paradigm of the 21st century. This will have profound effects on agriculture, manufacturing, transport, logistics, as well as public governance, and has the potential to create solutions for the sustainable expansion of the cities of tomorrow.

Sustainable cities are essential to overcoming challenges related to increasing urbanization, energy demand and environmental degradation. Industry and the private sector have an important role to play in enhancing urban sustainability, since a high percentage of carbon emissions is related to the use of fossil fuels for urban transport and energy. There is need to invest in low-emission technologies and transport, smart grids, new energy vehicles and clean fuels.

Eco-industrial parks (EIPs) have immense potential to unleash inclusive and sustainable industrial development. By utilizing innovative green technology that enhances resource efficiency and cleaner production, EIPs minimize waste, promote industrial symbiosis and contribute to a circular economy.

Chemicals management lies at the heart of many of the processes in metropolitan areas as it provides fundamental building blocks for construction, energy, communication, transport, water and waste management. Knowledge exchange on sound and innovative chemicals management should be advanced, in particular on green chemistry and green engineering technologies, and new circular economy business models and new training materials for policymakers, businessmen and technicians should be promoted.

A global Green Industry Index has the potential to provide a transparent appraisal and incentive system for green industry efforts, comprising of *inter alia* environmentally sustainable management policies, training and investment, and can be an important tool for encouraging green achievements.

Technological innovation and innovative business models can address some of the key challenges of rapid urbanization and natural resources depletion. Active partnerships between governments, international organizations, the private sector, academia and civil society are essential for knowledge exchange and technology transfer towards the effective implementation of green industry strategies.

Based on the aforementioned, participants of the fourth Green Industry Conference will work together to:

- Intensify cooperation to promote and raise awareness of green industry solutions, exchange best practices and transfer environmentally sound technologies.
- Channel private investment and international finance towards the development of low-carbon technology.
- Develop appropriate platforms for sharing knowledge and best practices between governments, international organizations, the private sector, academia and civil society, including identifying appropriate ownership and business models.
- Promote the development of an international network for a global Green Industry Index.
- Cooperate with UNIDO in its efforts to upscale green industry solutions and technologies; to develop green industry policy frameworks; to advise on resource efficient and cleaner production techniques as well as innovative approaches for sound chemicals management and green chemistry; to bolster energy efficiency standards; to provide expertise on the implementation of multilateral environmental agreements; and to promote inclusive and sustainable industrial development in urban areas.
- Collaborate with Ulsan Metropolitan City in its efforts to promote the development of sustainable cities and eco-industrial parks; to share its experience and best practices on green industry; and to engage actively in international low-carbon development programmes.