

*Final Session (Wrap-up Panel)*

## How Can We Collaborate to Promote Science-Based Innovation for a Sustainable Globe?

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The wrap-up session is entitled “How can we collaborate to promote science-based innovation for a sustainable globe.” We would like to first clarify “elements of innovation eco-system” from the discussions being done by that time and to prioritize these elements in the eco-system. Then, I will ask for panelists’ opinions on strength and weakness of regions and countries as for each of the elements (maybe not all of them). Then, we shall discuss how we can collaborate to promote innovation in a global scale. Since panelists’ backgrounds and expertise are very different and most of you even do not know each other at this time, I expect various opinions are placed on a table and we will have simulating and exciting discussions. We will be able to pick up any opinions from the audience.

The term “Innovation” has many different meanings depending on who uses in which occasion. Here I would like to have some consensus in its definition among all panelists to have more efficient discussions. We define it as “all the processes necessary to bring scientific knowledge to increase economic value as well as social value (e.g., improvement of quality of life, etc.)”. Therefore, this “innovation” is neither necessarily equal to innovation in a corporate management nor to just “new change”. As for the base of discussions we would like to use the chart shown in Fig.1, where “Input” is knowledge creation and outcomes of research and development, “Interaction Fields (BA)” are for all activities and processes to nurture scientific knowledge into something valuable in economy or society, and “Output” is activities and processes to implement those outcomes created in “BA” into a real world, that is a market and/or a society. We would like to pick up important “elements” of innovation eco-system and place them in this chart for the discussion purpose. These elements are to be related with what government, private sectors, market, funds and so on must do in order to establish the innovation ecosystem. From such discussions we would like to deduce a “global innovation policy”, with which we will be able to articulate how countries and regions can collaborate for the promotion of global innovations. This is a challenging panel session but let’s do it.