

Energy Innovation Summit

Going to Zero

10 am – 4 pm

Thursday, 3 August 2017

Approach: Our key intent of the Summit is to actively engage with all participants.

10:00 am – 11:00 am: Opening session: Introduction and welcome: Jules Kortenhorst and Richard Branson (live video)

Setting the context—state of energy transition and its future: Tom Friedman, Amory Lovins, and Hal Harvey; *Going to Zero*

11:00 am – 11:45 am:

Session I: Integrating Watts, Miles & Bytes: the next industrial revolution:

The pace of change in energy, mobility and IT is unrelenting. Costs are coming down, functionality is increasing, integration is accelerating. How will these advances in energy, mobility and information technology collide to accelerate the energy transformation? What can we do to accelerate this process? Moderated by Tom Friedman

5-min inspiration by RMI's James Newcomb, Pathways to stay below 2 degrees

Bill Joy: on new battery technology from Ionic Materials, on its implications in cost and performance for revolutionary changes in transportation and the grid, on the pace of change in the energy technology world.

James Newcomb: on the scaling of new technologies, on the comparable of semiconductors, on RMI's pathways work that illustrates how exponential (s-curve) growth might get us there

Diarmud O'Connell: on the success of Tesla, the EV, autonomous vehicles, and mobility as a service revolution. How entrepreneurial leadership is key in driving the revolution.

Cathy Zoi: on the role of innovation in solar, on the implications of coupling IT and Energy, on the case study of IT to accelerate energy access.

11:45 am – 12:30 pm:

Session II: How capital gets redeployed from old to new infrastructure: How to mobilize capital for new energy infrastructure; what is needed for a massive reallocation of capital away from fossil fuels and to the new energy world. What happens to the funding and market capitalization of fossil fuel companies?

5-minute inspiration by RMI's Paul Bodnar

Brian Davis: How Shell is thinking about and preparing for the market shifts with increased renewables and redeployment of capital.

Reuben Munger: Funding the roll out / scale up. How asset and project finance can / must scale. Has this been done before? Can markets move fast enough?

Charlotte Pera: The role of philanthropy: How we mobilize society and complement government with philanthropic support, including the case study of the Kigali fund.

Gary Rieschel: How markets evaluate opportunity and risk and whether markets will be smart enough to understand the changes in time.

LUNCH - 12:30 pm – 1:30 pm

1:30 pm – 1:45 pm: Overview of RMI's 5-year Strategy

1:45 pm – 2:40 pm:

Session III: Policy and Politics – new global leadership for climate change:

What does the new political reality in the US mean for our long-term energy future? How are global leaders reacting to inspire or halt the clean energy transition? What can be done in the US in the absence of political will and leadership? What is the current mindset and attitude of other world leaders? Moderated by Tom Friedman

*5-minute inspiration by RMI's **Maria van der Hoeven***

John Podesta, Bill Ritter, Tom Steyer, and Maria van der Hoeven

15 min BREAK: 2:40 pm – 2:55 pm

2:55 pm – 3:40 pm:

Session IV: The Energy Transformation and global competitiveness:

What does getting it right look like: jobs, economic growth, global competitiveness and energy access for all? Can the US compete if it is not part of this transformation? What are the economic implications of the transition for developing countries / emerging markets?

*5-minute inspiration by RMI's **Jon Creyts***

Kristina Johnson: Running a large university how does she look at the economic growth, job creation and job training opportunities? What does this mean for the US market?

Zia Khan: How do Rockefeller Foundation and other players in the philanthropic realm view their role and effectiveness in this global arena?

Shigeki (Sean) Miwa: How does Softbank see the Watts, Meters and Bytes opportunity around the world? What is the connection to competitiveness? In which countries are the opportunities?

Jean Oelwang: Virgin Unite is passionately involved in the energy transition in developing countries. Why? What does this mean for Africa? India?

Tim Wirth: Senator's and UN Foundation's perspective on international energy access

3:40 pm – 4:00 pm: Wrap up: what does this all mean for us / for RMI?

Group conversation led by Tom F., Amory, Jules: What are the implications for all of us? How do we use the takeaways? What are next steps for RMI?