



## DEBATE

### **Nobuo TANAKA**

We have two minutes left. If there are any questions, I will give you the floor.

### **From the floor**

I just want to add one thing. We talked about big power, but we should also talk about decentralized power today. It is amazing what is going on. We have these projects in wind and solar, but we are also helping farmers to switch from diesel pumps to solar pumps. We are talking about 300 megawatts installed today, just for solar pumping. We are talking about helping people to reduce energy consumption. Energy efficiency is a key. At the same time as renewable energy, we need to have this approach with energy efficiency. There is another point that you mentioned. Mr. Appert talked about biomethane. In Marrakech, you can visit the water-treatment station. We are using biogas coming from this water-treatment station.

That is why we are looking at all technologies, as Mrs. Benali has talked about. There are many solutions here. We have centralized ones at a very low price. We are talking about 3c per kilowatt hour for wind and 4c per kilowatt hour for PV. It is amazing what is going on regarding the price, and Mr. Cooper mentioned that it is a very important regarding the impact. Power is one thing, but this is power for the population directly. Many solar roofs in the industry are under development today in Morocco. We are talking about thousands of megawatts that can be installed in the future in a decentralized way, and it is as important as the other power sources.

### **Nobuo TANAKA**

That is a very good input into our discussion. As Masuda-san said, we need action, so maybe next year, we will not only discuss things like this. Can we visit the biogas plant in Marrakech as a group? That is much more interesting than discussing the issues endlessly.

### **André CAILLÉ**

If you will allow me, Chairman, I will speak very rapidly. Biomethane production is on the verge of rapid development, for this reason. I am involved in an enterprise in Montreal that does urban waste management, all kinds of urban waste. Five years ago, we started to produce biomethane. We do produce it, we do collect it, and we do clean it to bring it to pipeline quality, and then we reinject it in the pipeline, and through swaps, we sell methane to North America. It has become the first line in our P&L for revenue and the contribution to the EBITDA, so it is a real success.

In South America nowadays, they are going through a privatization of this industry, and we are attracted by that, and so are the large funds. This is because they see the same thing in urban waste equipment installations as they saw when I was in the electricity sector. It has a huge potential for them to invest, and we have done that in Chile, Peru, Colombia and all over South America.

Secondly, I have a very different remark. I do fully agree with you, Chairman, that it is a very good idea to interconnect Siberia with North Korea and South Korea, because in Siberia, there is a huge hydro potential. That would support peace efforts between North and South Korea. Those were my two remarks.

### **Nobuo TANAKA**

Thank you very much. The time is up! We had another interesting discussion, starting with biomethane. Congratulations, Olivier, that was a very interesting input. We had certain discussions about this issue. Please join me in thanking the six panelists for their interesting discussion tonight.



**Tatsuo MASUDA**

We also thank Tanaka-san for his fantastic chairmanship.

**Nobuo TANAKA**

You are most welcome. Let see that biomethane trend next year!

**From the floor**

You can also visit a solar plant farm.

**Nobuo TANAKA**

Maybe that would be much more fun! Thank you very much.