



Talents take self healing gas pipes around the world

Friday morning, the team DNV GL won NRG Battle at IGRC2014's conference in Copenhagen.

In the finals with three teams - apart from DNV GL, it was the Danish Energinet.dk and the French GDF Suez – Team DNV GL won in a close race with the votes 76-67 against Energinet.dk's team.

The decision was made after the three teams had presented their solutions to one of the world's energy problems at the large stage at Tivoli Congress Center. Afterwards, the delegates in the room walked to the team they thought had made the best presentation to express their vote.

The prize to the five from the winning team was a gift voucher for flight around the world.

On the journey, the team can take their idea to invent a plasma product that can be injected into the gas pipes in order to close holes and leaks. Each year, gas oozes from leaky gas pipes corresponding to the entire Italian gas consumption, the team explained from the stage. Plasma is a known technology in among other things oil pipes, but has not yet been found for gas.

Initially, the teams had competed in different categories, and that is why it was not the same problem, they were on the stage to solve.

Energinet.dk presented a model for how Europe can become fossil-free in 2050 by to an increasing extent finding the solutions in cooperation and thinking less nationally. The team will use the existing gas system to transport renewable energy between the countries. Days without wind are not a problem if you base your energy system on wind energy, because it is always windy somewhere in Europe, the team pointed out.



And the team did not believe that even a strong expansion of the electricity system would be able to handle all the renewable energy, which in future will be transported back and forth. Therefore, the team focuses on 'power to gas' and 'gas to power' technology. A better, cheaper and more effective solution in the future, the team thought.

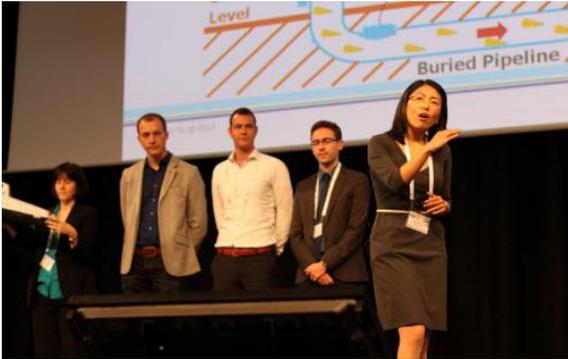
Team GDF Suez was number three with a project on how communication, apps, etc. can remove population barriers and make shale gas more acceptable in society.

Team members:

Team DNV GL: Luisa Shelenko, Chiew Yen Law, Pieter Visser, Lucas Grond and Matt Galloway

Team Energinet.dk: Caroline Persson, Amalia Rosa Pezarro Alonso, Rune H, Gjemundbo, Astrid Nyborg Borge and Illyana Arnaudova.

Team GDF Suez: Jakob Roth, Alexander Ste-Marie , Ryan Maliska, Louisa Tili, Nadjma Ahamada.



Team DNV GL



Team Energinet.dk



Team GDF Suez