

## News Update Project 6-25

Dear reader,

The corona virus strikes everyday life and the economy. Worldwide there are already more than 50,000 casualties and there will be more to come. We share our feelings with those who are struck by this crisis and give our moral support to all those working in health professions. This sudden crisis shows the vulnerability of our global networked society and economy. And we are not only hit by this crisis. Climate crisis is also on the rise but comes in a much slower pace. However the future societal impact of climate change can be much higher than Corona.

At every crisis we tend to think “can we go back to our life before this crisis”? That sounds logical but it is a dangerous thought. This way of thinking will bring us back on the old paths that caused the crisis and will not help us forward. What we need now is visionary leadership that will use this crisis to accelerate the transition towards a more sustainable society. From linear to circular, from fossil based to renewable and from inequality to more justice. We will have to change since old paths are dead end streets. Now it takes courage to change and reform our companies and society in a structural way to become sustainable for future generations. Churchill said “never waste a good crisis”. Our Project 6-25 can be a piece in the Jigsaw puzzle of our new world. Aiming for a new paradigm: less is more. Using less energy is more sustainable. Both in climate and in business terms. So far the Project 6-25 has not been delayed because of measures taken by our governments or partners. However we will closely monitor the situation and try to keep impact as low as possible.

### **Consortium of Royal Haskoning DHV & PDC awarded with Validation Study**

One of the essential parts of our project is to carry out an independent validation study on the CO<sub>2</sub> reduction potential of innovative technologies for industry. The 6-25 project team initiated a tender for consultancies to carry out this study. After thorough consultation of all bids, a consortium of Royal Haskoning DHV and PDC has won the tender. The kick-off meeting for this study took place on the 2<sup>nd</sup> of March 2020. In the study five technology groups will be assessed on their CO<sub>2</sub> reduction potential. These five groups are: Heat, Drives, IT, Separation & Flexibility. Technology experts from 6-25 partners have been asked to share their latest insights in technology development to make sure this is included in the study.

### **Outcome of validation study to be presented on June 29**

We have planned to present the outcome of the validation study to all 6-25 partners, FME and VEMW members on the 29<sup>th</sup> of June. In principle this will be an afternoon event at the FME premises in Zoetermeer. If corona measures continue to be in force after the 1<sup>st</sup> of June, we will inform you about the alternative. Invitation will follow. Please reserve this date in your agenda.

### **Kick-off meeting financial models & funding**

Another essential part of the Project 6-25 proposition will be the financing proposition for energy efficiency programmes and projects in industry. The kick-off of this work package was done by Project 6-25 partners GETEC and Rabobank on the 12<sup>th</sup> of March at Rabobank headquarters in Utrecht. We expect ESCO company Adven to join the group shortly.

### Project 6-25 used AI tool to identify promising membrane technologies

The Project 6-25 team has used the Findest AI tool to make an extensive search on membrane technologies on TRL 8-9 level that can significantly contribute to energy savings. The results will be announced to the partners as soon as they become available.

### Pilots in the making

Three industrial plants have offered the Project 6-25 team to act as a pilot site for the Project 6-25 approach. Names cannot yet be disclosed but they are among the 300 most carbon intensive industries in the Netherlands.

### New partners

Since our latest news update a number of new partners have joined the Project 6-25 programme:

- ABB B.V.: a technology leader in industrial motion business and driving the digital transformation of industries.
- Bronswerk Heat Transfer B.V.: produces sustainable, energy-efficient, innovative and high quality solutions heat exchange and fluid flow systems.
- Dex Oil B.V.: improves the behaviour of industrial lubricants through the use of nanotechnology.
- Emerson Process Management B.V.: industrial automation and controls, combined with edge analytics, enables to harness the power of Industry 4.0.
- GETEC Efficiency GmbH: designs and realises comprehensive, customised energy supply models and energy efficiency measures.
- Greenfish: offers smart greentech solutions to make businesses more sustainable and environmentally friendly.
- Rabobank Nederland: a cooperative bank, committed to a stronger living environment and to the major social challenges of today.
- Schneider Electric Systems Netherlands N.V.: driving digital transformation in industrial automation and control enabling drives, motion control and robotics.
- Semiotic Labs B.V.: predictive maintenance eliminating unplanned downtime in AC motors & rotating assets. [FYI: white paper 'Using SAM4 to help drive sustainable industry'](#).
- Sorama B.V.: bringing acoustic camera's to the industry capable of identifying leakage.
- SPIE-Industry: maintaining and optimizing industrial processes, energy recovery and the sustainable management of technical installations.
- Spilling Technologies GmbH: steam recompression technologies.
- World Class Maintenance: network for 'smart maintenance' with the objective of 100% predictable maintenance in Dutch industry.

### Event and meetings

Project 6-25 was presented at the following events:

- 4 March, Energy Reinvented Community, Shell Amsterdam

Upcoming events are:

- 29 June: Partner meeting & presentation results validation study. Date can be affected by future corona measures. If so, we will inform you.

Best regards on behalf of the 6-25 project team,  
Hans van der Spek