



SITE VISIT 4 - Energy and Water Works

Date

Thursday 11th February 2016

09:00-13:15

Max. number of participants: 30 (2 groups of 15)

Organisations

Tidal Testing Centre,

Tocado International BV

REDStack BV

EIP Action Group on Energy and Water Works

Description of the site visit

During this study visit, participants will visit the world famous Dutch water defence - the Afsluitdijk, a Dutch showcase for tests and demonstrations in the field of water energy. On the Afsluitdijk visitors will see a typical Dutch approach: innovative sustainable energy projects that take place from tidal streams in the sluice gates and also from the difference in Salinity Gradient across the dam!

These new concepts are referred to as "Energising Deltas." In them, sustainable energy generation, water safety and water management are combined into an innovative export products.

The programme will include a visit to the Tidal Testing Centre in Den Oever where visitors will have the opportunity to see a mini array of three tidal stream turbines in operation. Staff will also make a presentation of the Blue Energy pilot project and attention for Marine plant biomass production.

Make sure you have extra warm clothing on this day! Warm shoes, gloves, scarfs, hats and winter jackets recommended!

Programme

09:00 Departure from Leeuwarden

10:00 Arrival at Tidal testing Centre in Den Oever

Presentations by Pieter Bergmeijer (Director TTC) and Hans van Breugel (Tocado)

Safety instructions and clothing

Visit array of tidal stream turbines in the Afsluitdijk on foot (5 minute walk from the TCC offices).

11.30 departure to REDStacks

12:00 arrival RED Stack

Reception by director Rik Siebers

Show around the facilities where energy is generated from sweet lake water and sea water.

12:45 departure

13:15 arrive back in Leeuwarden

When there are two groups, we will have two busses moving in reverses order through the programme.

What will be provided:

- safety clothes
- coffee & tea