**Carbon Collectors Project Information**

**Project Developer Website**

Carbon Collectors www.carboncollectors.nl

**Project Location**

The Netherlands

**Project Type**

Shipping Transportation

**Project Description**

Carbon Collectors offers a commercial service for the collection of captured CO2 from industrial sources around the North Sea and direct shipping to depleted offshore gas fields for underground storage or to CO2 users. The CO2 transportation and storage service is flexible, serving coastal and inland customers and making use of multiple offshore storage locations, scalable from 0.5Mt/year to 6Mt/year and fast with a two year lead time from contract to first operations.

**Operational Status**

Design & Engineering

Transport offtake agreements are currently under discussion.

Expected start of operational phase: 2023.

**Technology Description**

Shipping Transportation: Carbon Collectors will collect CO2 from various industrial areas accessible by inland waterway for storage in depleted gas fields in the North Sea, 4 storage sites are currently planned. The distances of shipping routes are likely to be between 100 to 250km.

Capture: A large geographical coverage of CO2 capture plants is envisaged starting with one coastal source using post-combustion capture technology. Carbon Collectors then plan to rapidly expand to other capture plants to reach 6 Mt/year by 2030. The initial focus for capture locations is on The Netherlands, Belgium and Germany.

**TRL progression**

Starting: TRL 9 (Industrial phase)

**CO2 reduction potential**

Capacity: 6 Mt/year by 2030.

The total estimated storage capacity is over 100Mt.

**Project Financing**

Initial financial support has been provided by the Dutch Ministry of Economic Affairs and projects will make use of commercial project finance facilities.

Capital expenditure: estimated 150 M€.