CatchCam

Automated lobster catch registration

2 Data transfer through GSM network
Digital photo is sent to a remote server through the GSM network.

1 CatchCam
Fisher takes digital photo of lobster on board with the CatchCam system.

3 Research institute
A computer program determines the sex and length of the carapace (head shield).

4 Feedback to fisher
The information about sex and length of the lobster is returned to the fisher within 1 to 2 seconds through the GSM network. This information is shown in the lobster image on the CatchCam system on board.

Population dynamics
The collected data on the sex and length distribution of the catch supports research of the lobster population development.

The CatchCam was developed for the lobster fishery in the Dutch Eastern Scheldt in a collaborative project between Wageningen Marine Research and the lobster fisheries association OWV.