



Document title	Report on the work of intersessional network on eutrophication
Code	4J-14
Category	CMNT (LATE)
Agenda Item	HELCOM indicators and assessments
Submission date	1.4.2016
Submitted by	Secretariat

Background

HELCOM HOD 49-2015 decided to establish a HELCOM expert network on eutrophication to continue the work done within EUTRO OPER project. The expert network has to date had two online meetings: [IN-EUTROPHICATION 1-2016](#) and [IN-EUTROPHICATION 2-2016](#).

The meeting outcome of the IN-EUTROPHICATION 2-2016 meeting held in 18 March 2016 is available here: <https://portal.helcom.fi/meetings/IN-EUTROPHICATION%202-2016-341/MeetingDocuments/Outcome.pdf>

The IN-EUTROPHICATION 2-2016 meeting developed further the work plan for IN-EUTROPHICATION, which is available at:

<https://portal.helcom.fi/meetings/IN-EUTROPHICATION%202-2016-341/MeetingDocuments/4-1Rev1%20Work%20plan%20for%20IN-EUTROPHICATION%20updated%20in%20meeting.xlsx>

The work plan includes schedule and lead countries for further development of eutrophication indicators including possibilities to develop existing pre core and candidate eutrophication indicators to be included in HOLAS II. The lead countries were asked to provide information on the status of the indicators to HOLAS II 5-2016 meeting in 26-28 April 2016.

The meeting also found it important to develop further two oxygen indicators and proposed them as eutrophication candidate indicators:

- **Shallow-water bottom oxygen** (Lead Country pending): Further development on indicator approach is required, taking advantage of the approaches developed in Sweden, Germany and/or Denmark and investigated in EUTRO-OPER. The indicator has the potential to be ready for use in HOLAS II.
- **Deep-water oxygen consumption** (Lead Country Sweden): Further development of indicator approach is required. The indicator is not expected to be ready for use in HOLAS II.

Action requested

The Meeting is invited to:

- take note of the outcome of IN-EUTROPHICATION 2-2016,
- agree to develop two new candidate oxygen indicators.