

# Contaminants of Emerging Concern: An integrated approach for assessing impacts on the marine environment



Norwegian Institute for Water Research

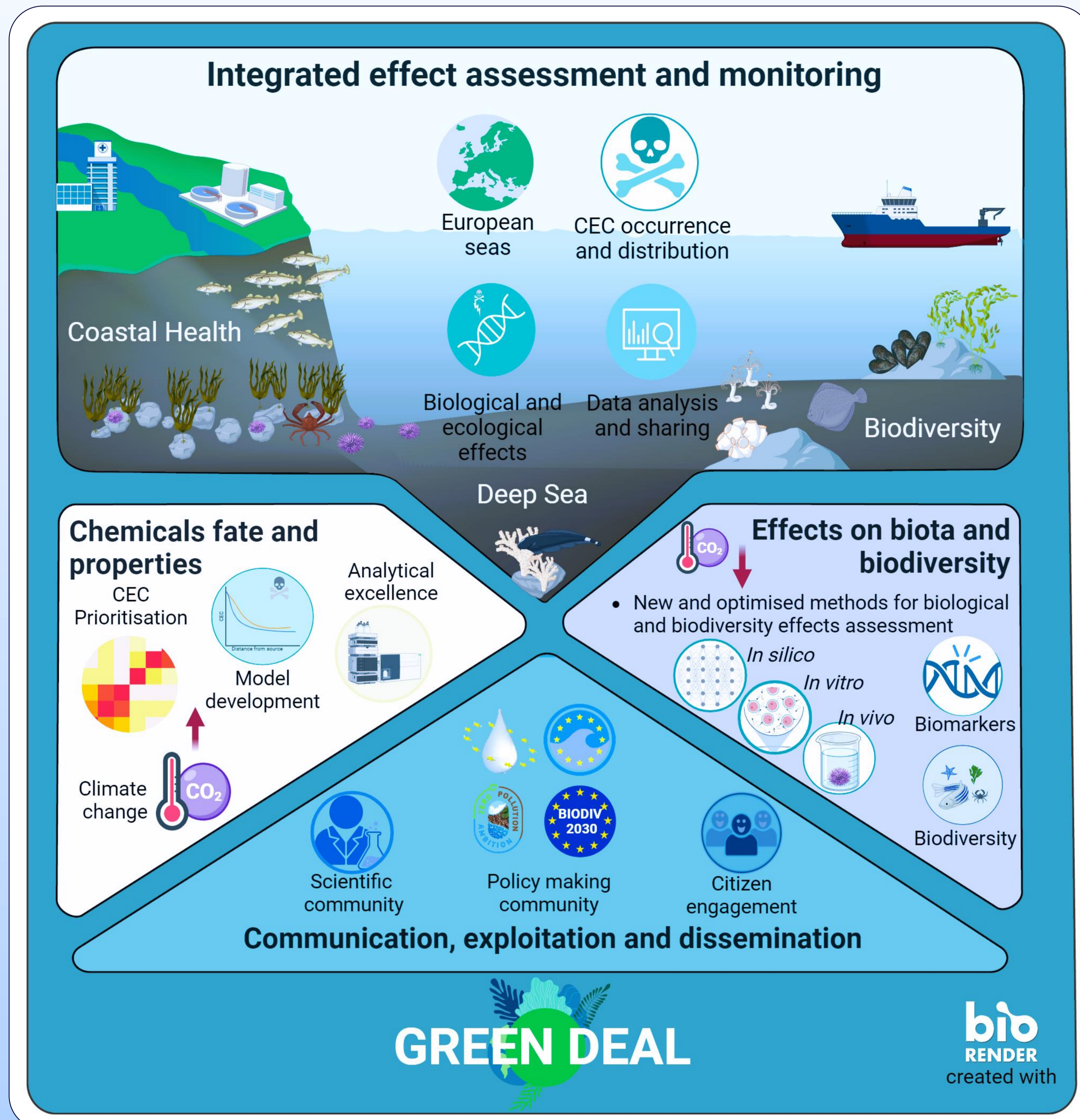


Steven J. Brooks<sup>1</sup>, Samantha Martins<sup>1</sup>, Bavo De Witte<sup>2</sup>, Juan Bellas<sup>3</sup>, Ketil Hylland<sup>4,5</sup>, Aourel Mauffret<sup>6</sup>, Joachim Sturve<sup>7</sup>, Ed Temperley<sup>8</sup>, Jon Barber<sup>9</sup>, Marina Lipizer<sup>10</sup>, Christos Tsabaris<sup>11</sup> and Adam Lillicrap<sup>1</sup>

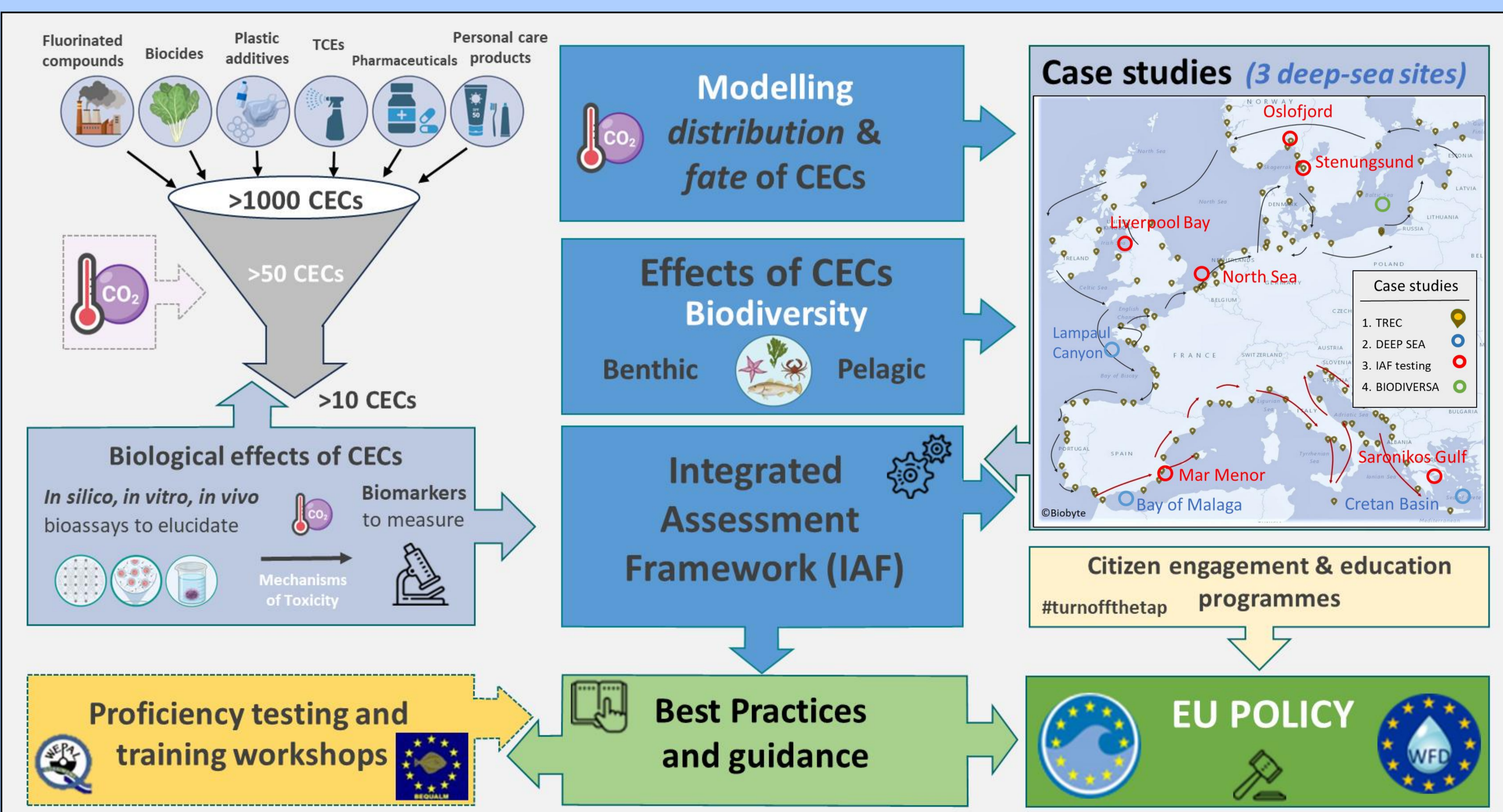


## Specific Objectives

- SO1:** Develop chemical prioritisation schemes for CECs.
- SO2:** Determine the fate and circulation of CECs in the marine environment.
- SO3:** Understand the mechanisms of toxicity of CECs to marine organisms.
- SO4:** Establish biological effects toolbox to cover mechanisms of toxicity of CECs to be used in monitoring.
- SO5:** Develop assessment tools to measure the impact of CECs on marine biodiversity.
- SO6:** Establish an integrated effects assessment framework (IAF) to measure the risk and impact of CECs in the marine environment for evaluating Good Environmental Status (GES).
- SO7:** Include IAF with guidance documents for its application into EU policy.
- SO8:** Determine impact of climate change factors on CEC toxicity and transport and fate in the marine environment.
- SO9:** Determine fate and transport of CECs into deep sea environments.
- SO10:** Attest proficiency and quality of the methods.
- SO11:** To increase awareness of the risk of CECs among the general public.



## CONTRAST workflow



## CONTRAST in a nutshell

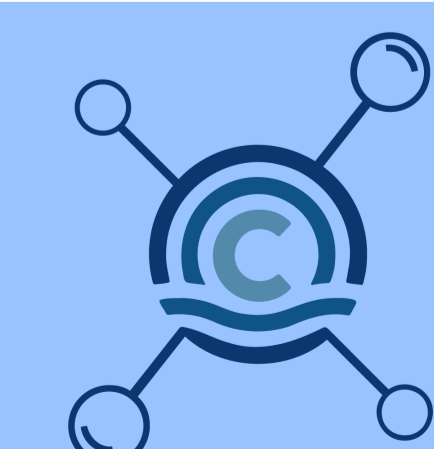
Contact us:

[contrast@niva.no](mailto:contrast@niva.no)



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<sup>1</sup> Norwegian Institute for Water Research (NIVA), Økernveien 94, 0579 Oslo, Norway. E-mail contact: [sbr@niva.no](mailto:sbr@niva.no)

<sup>2</sup> Flanders Research Institute for Agriculture, Fisheries and Food (ILVO), Jacobsenstraat 1, 8400 Oostende, Belgium;

<sup>3</sup> Centro Oceanográfico de Vigo Instituto Español de Oceanografía (IEO) Consejo Superior de Investigaciones Científicas (CSIC) Vigo- Pontevedra, Spain;

<sup>4</sup> Institute of Marine Research (IMR), Nordnesgaten 50, NO-5005 Bergen, Norway; <sup>5</sup> Department of Biosciences, University of Oslo, PO box 1066, N-0316 Oslo, Norway;

<sup>6</sup> IFREMER, Rue de l'Île d'Yeu BP 21105 - 44311 Nantes, France; <sup>7</sup> University of Gothenburg, Medicinargatan 7B, 41390 Gothenburg, Sweden;

<sup>8</sup> SHIRE Creative, 28 Linhey Close, TQ7 1LL, Kingsbridge, UK; <sup>9</sup> Centre for Environment, Fisheries and Aquaculture Science (Cefas), Pakefield Road, Lowestoft, NR33 0HT, UK;

<sup>10</sup> National Institute of Oceanography and Applied Geophysics (OGS), Borgo Grotta Gigante 42/c, 34010 Sgonico, Italy; <sup>11</sup> Hellenic Center for Marine Research (HCMR), Leoforos Athens Sounio 46.7 km, 19013, Attiki Anavyssos, Greece.

