

UN/CEFACT for SDG 14.4

FLUX Sustainable Fisheries Standard

Ivonne Higuero

Director, Economic Cooperation and Trade Division, UNECE

Frans van Diepen

Senior Consultant, Netherlands Enterprise Agency

17 July 2018, Geneva, Switzerland



UN/CEFACT for SDG 14.4

FLUX Sustainable Fisheries Standard – Why?

- More than **3 billion people** depend on fish for almost 20% of their intake of animal protein.
- Illegal, Unreported and Unregulated (**IUU**) fishing, valued at **23 billion USD**, and about **26 million tons of fish** per year
- In addition to **economic damage**, such practices can threaten **ocean biodiversity**



UN / CEFACT

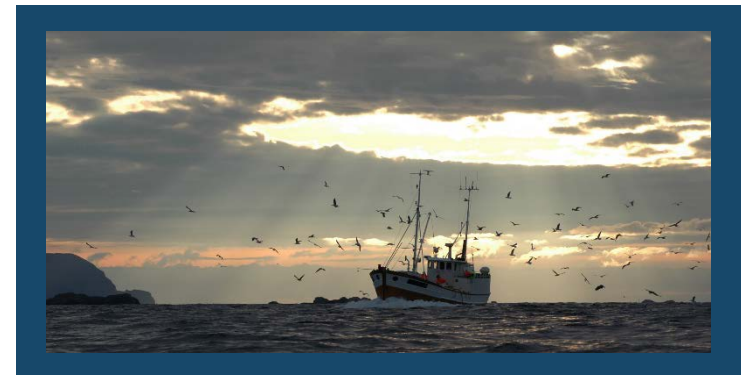


UN/CEFACT for SDG 14.4

FLUX Sustainable Fisheries Standard – About

- **UN/CEFACT FLUX**: Fisheries Language for Universal Exchange
- First **communication tool** to automatically collect and disseminate fishery catch data for:
 - Sustainable fishery management (SFM)
 - Detecting and combatting illegal, unreported and unregulated fishing (IUU)
- Promoted by ISO, WTO, FAO, the European Commission

UN / CEFACT



UN/CEFACT for SDG 14.4

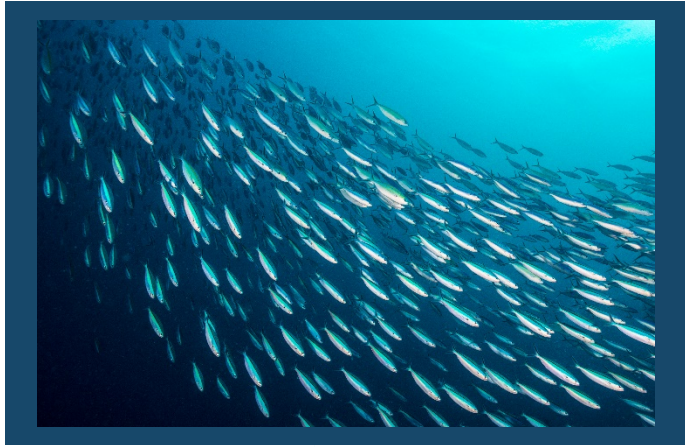
FLUX– Team of Specialists on Sustainable Fisheries

- Fisheries experts from around the world
 - Open to experts from **all member states**
 - Join through [UN/CEFACT expert registration](#)
 - Get to know the [Team of Specialists](#)

- Programme of Work focuses on 4 main areas:
 1. **Policy** dialogue and advice
 2. **Technical** monitoring and advice
 3. **Communication** and outreach
 4. **Capacity building**

UN/CEFACT for SDG 14.4

FLUX Sustainable Fisheries Standard



■ Activities:

- UN/CEFACT development and maintenance of the FLUX standard
- 23rd UN/CEFACT Plenary Briefing note on UN/CEFACT work for SDG14 (April 2017)
- UN Ocean Conference UN/CEFACT Commitment to the Call for Action (June 2017)
- Sustainable Fisheries Team of Specialists (June 2017) – 1st meeting (Jan 2018)

■ European Commission Implementation:

- [FLUX Vessel Position Implementation Document](#)
- [General principles of the FLUX transportation layer](#)
- [Routing scenarios embedded in the FLUX Transportation layer](#)
- FOCUS open-source software for using FLUX
 - <http://www.focus.fish/>
 - Supported by Sweden, EU, UN, & wide range of experts

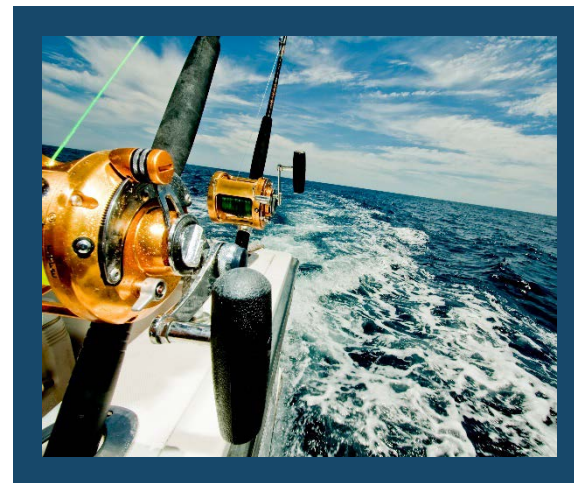


UN / CEFACT



UN/CEFACT for SDG 14.4 FLUX Sustainable Fisheries Standard - It includes

- Exchanging messages from **catch** to **first sale**:
 - **Including** catch; vessel and trip identification, fishing operations (daily catch or haul-by-haul) , fishing data (catch area, species and quantity, date and time, and gear used), landing and sales information, license information and inspection data
 - **Excluding** trade after first sale

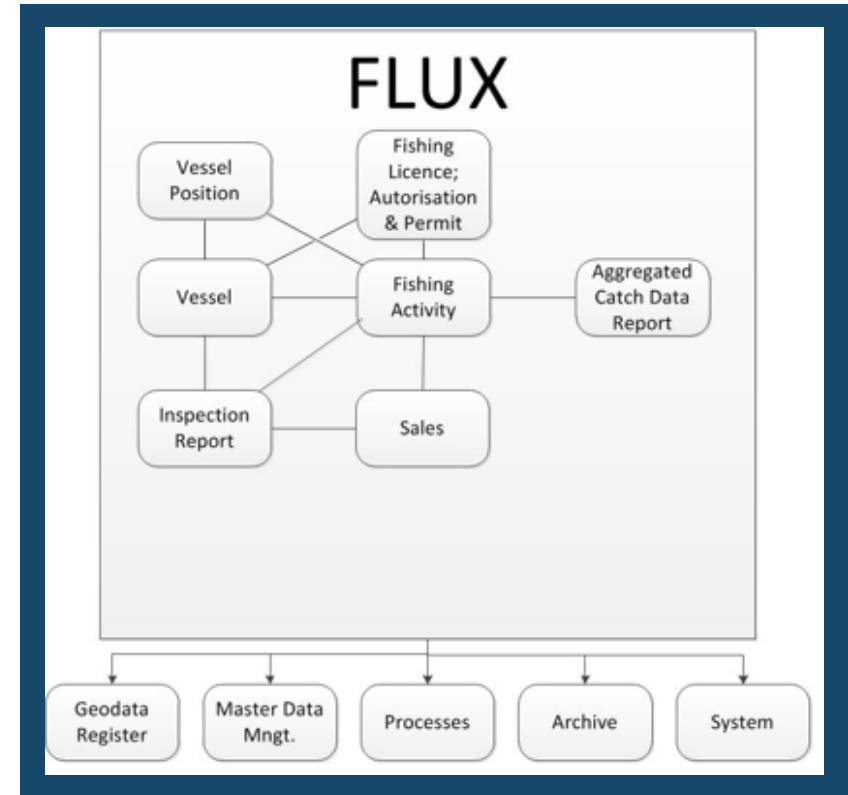


UN / CEFACT

UN/CEFACT for SDG 14.4

FLUX Sustainable Fisheries Standard - Elements

- Domain = “**message family**”
- Domains can be used **stand-alone**
- Domains can be **linked** to other domains



UN/CEFACT for SDG 14.4 FLUX Sustainable Fisheries Standard - Scope

Viewing vessel position details

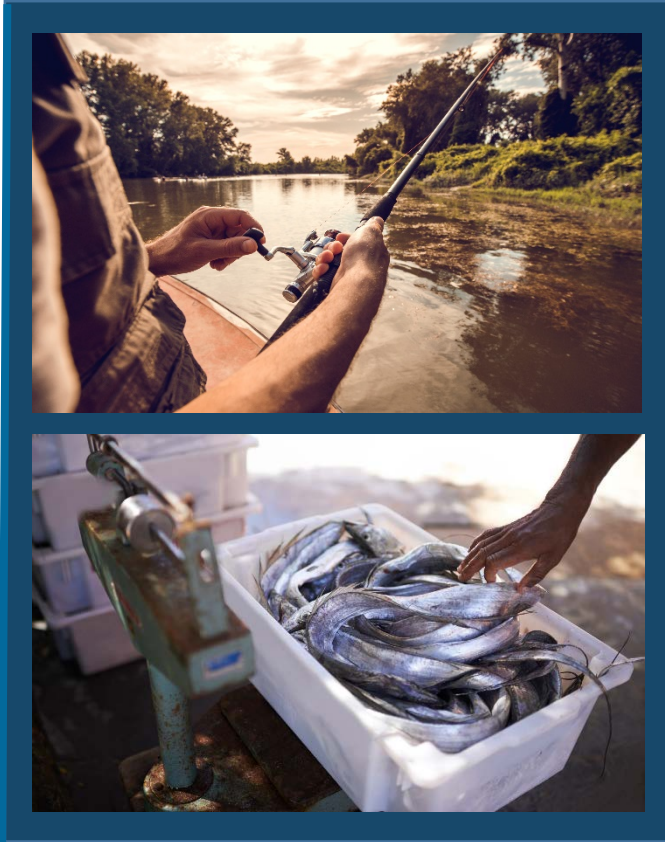
The screenshot shows the 'union VMS' web interface. The top navigation bar includes 'Today', 'Reports', 'Area management', 'Activity', 'Positions', 'Exchange', 'Polling', 'Mobile terminals', 'Assets', 'Alarms', and 'Admin'. The 'Reports' tab is active. A 'LAYERS' panel on the left lists various map layers like 'VMS', 'Positions', 'NAF', 'Segments', 'Ports', 'Areas', 'EEZ', etc. A map in the center shows vessel tracks near the coast of Norway. A 'POSITION DETAILS' popup window is open, displaying the following information:

F.S.	SWE
Ext. Mark.	GE-49
IRCS	SECT
CFR	0BR000A11447
Date	2016-06-08 22:38:00
Course	305°
CS	9.18697 kts
MS	9.30000 kts
Status	
Lat	60° 51.540'
Lon	17° 45.060'
Msg. Type	POS
Act. type	
Source	NAF
Name	SETTE MARI

An arrow points from the text 'Content can be set via user settings' to the 'MS' (Maximum Speed) field in the popup window.

UN/CEFACT for SDG 14.4

FLUX Sustainable Fisheries Standard - Benefits

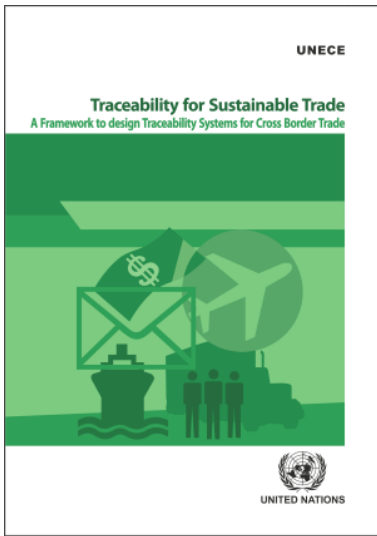


- Effective and transparent **data collection** and **management**
- Introducing **traceability** for traded fish from the fishing vessel up to the consumer
- FMOs around the world have for the first time access to a **free, open and global standard**
- Common approach towards electronic logbooks for fishing vessels, **interoperability between IT systems**, and **easy exchange** of data between parties.
- UN/CEFACT ensures **compatibility** with similar standardisation

UN/CEFACT for SDG 14.4

FLUX Sustainable Fisheries Standard

- Increasingly consumers and producers want to **know the social & environmental impacts** of products and production processes
 - ❖ potential impacts on trade esp. for SMEs and developing countries
- Need for mechanisms to **track & trace** supply chains
- Both **governments & businesses** have a key role to play
- UNECE has developed a **Framework** for designing traceability systems
- **UN/CEFACT traceability standards**, such as FLUX, eCITES, eCERT, eSPS are important tools



UN / CEFACT



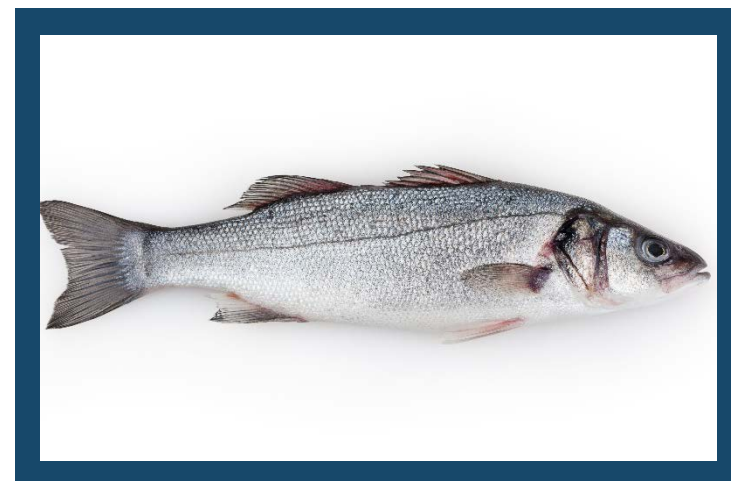
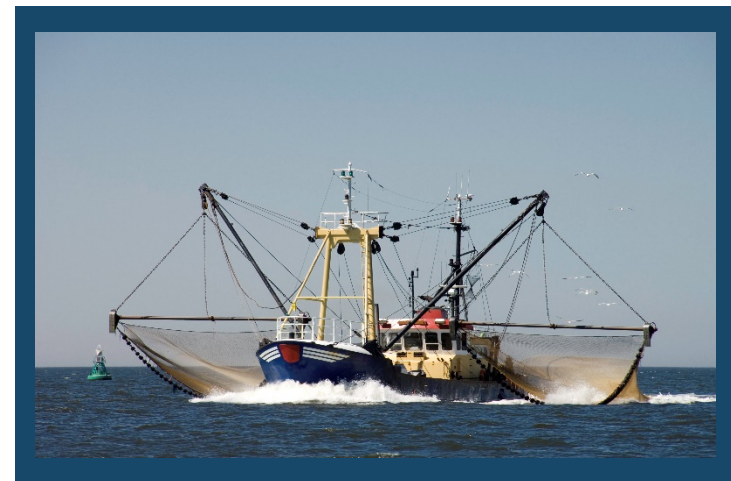
UN/CEFACT for SDG 14.4

FLUX Sustainable Fisheries Standard- For more:

Visit:

www.unece.org/cefact/brs/brs_index.html

Scan this code:



UN / CEFACT

Thank you!

Ivonne Higuero

Director, Economic Cooperation and Trade Division, UNECE

Frans van Diepen

Senior Consultant, Netherlands Enterprise Agency

17 July 2018, Geneva, Switzerland

