



Introduction to the UN Fisheries Language for Universal eXchange (FLUX)



Second Session of the Team of Specialists on Sustainable Fisheries
Geneva, 31 January – 1 February 2019



UN/CEFACT Fisheries Language for Universal eXchange - ***Why needed?***

- More than 3 billion people depend on fish for almost 20% of their animal protein intake.
- Illegal, unreported and unregulated (**IUU**) fishing is valued at **USD 23 billion**, which is about **26 million tons of fish** per year.
- Both economic and ecological damage.



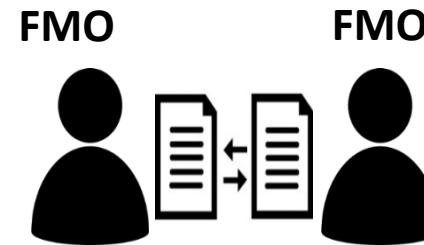
UN/CEFACT Fisheries Language for Universal eXchange – **SDG**

- UN/CEFACT FLUX: Fisheries Language for Universal eXchange
- First UN communication tool to automatically collect and disseminate fishery catch data for:
 - Sustainable fishery management (SFM)
 - Detecting and combatting illegal, unreported and unregulated fishing (IUU)
- Directly linked to Sustainable Development Goal (SDG) 14 and 12 of the 2030 Agenda on Sustainable Development



UN/CEFACT Fisheries Language for Universal eXchange – *About*

- FLUX is a **message** between authorities



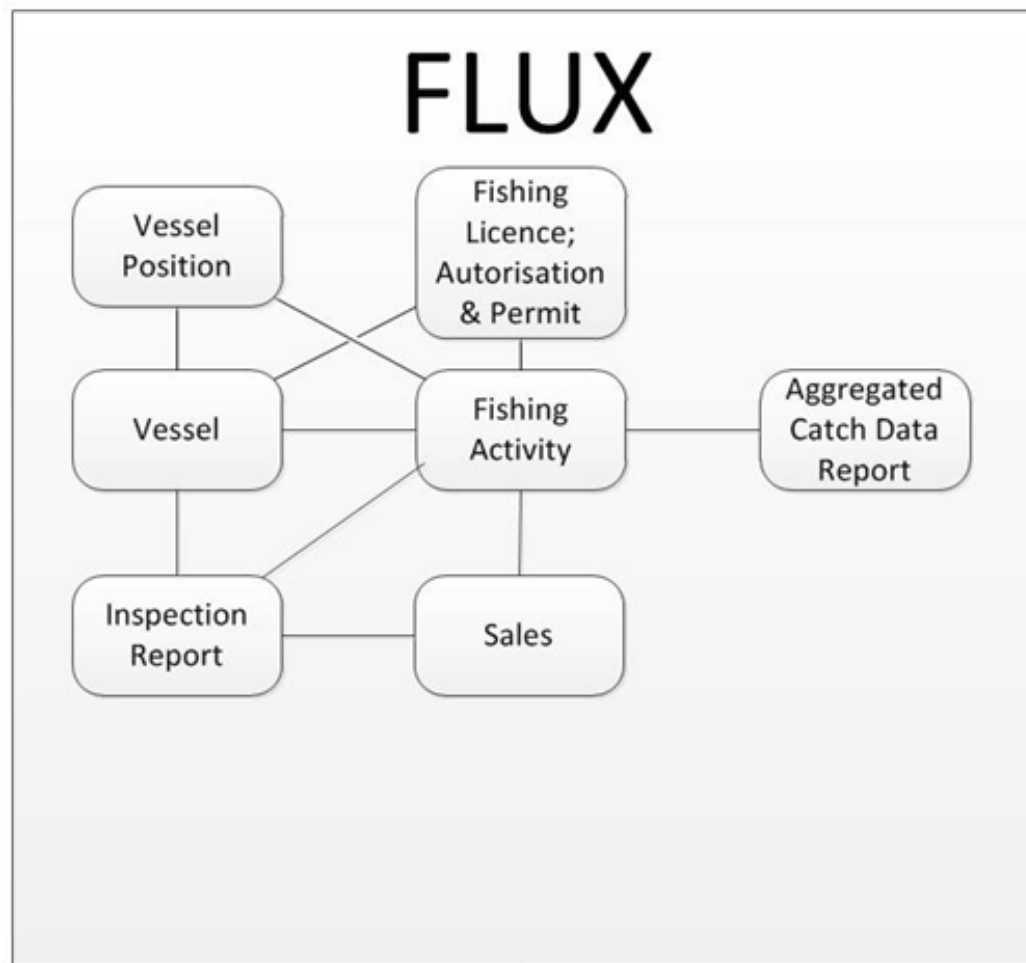
- The type of information that can be exchanged by means of FLUX is information ranging from the catch up to the first sale:

✓ **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

X **Excluding**: trade after first sale



UN/CEFACT Fisheries Language for Universal eXchange – *Domains*



UN/CEFACT Fisheries Language for Universal eXchange – *For whom?*

- The geographical coverage of this standard is **global**;
- Governments, regional and international organizations, regional FMOs, research institutions, and control and enforcement authorities.



UN/CEFACT Fisheries Language for Universal eXchange – *Incentives*

- **Pros of FLUX:**

1. Effective, transparent and efficient data exchange;
2. Timely acquisition
3. Practical solution and cost-effective;
4. Assist in traceability
5. Free, open and global standard;
6. Common approach in electronic logbooks;
7. Compatible with other UN/CEFACT standards

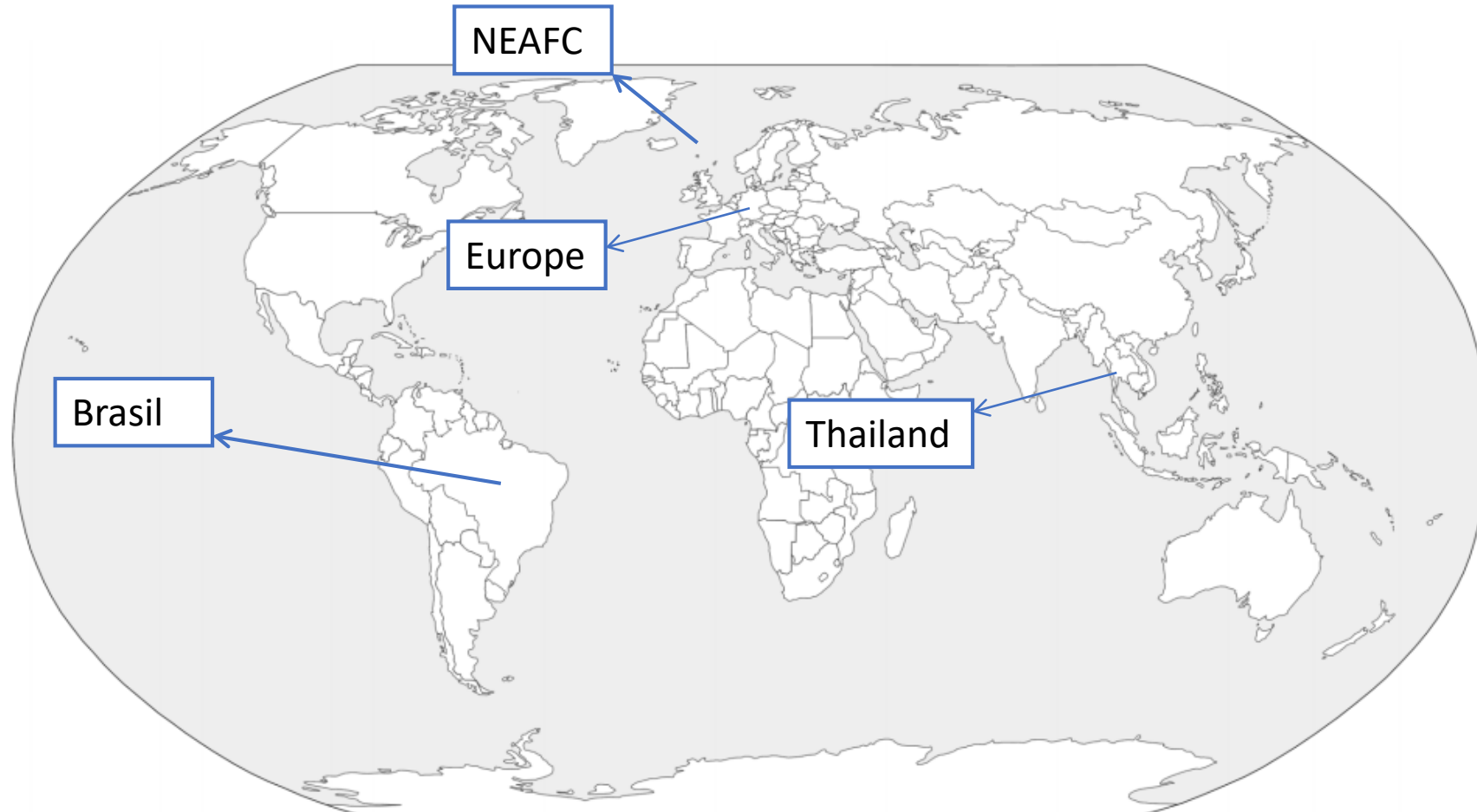


UN/CEFACT Fisheries Language for Universal eXchange – *Cons/difficulties*

- First implementation should not be underestimated
- Cost for implementation
- Agreement with parties to use FLUX in order to actually use FLUX
- Not yet completely and fully implemented, therefore no complete example.



UN/CEFACT Fisheries Language for Universal eXchange – *Globally*



UN/CEFACT Fisheries Language for Universal eXchange – *Compability*

- UN Tracking and Tracing
- E-certification



Marta Consulting Inc., 2013



Team of Specialists on Sustainable Fisheries

Objective:

“...To promote, facilitate and support the implementation of fisheries standards, e.g. FLUX on a global scale...”

Open to:

Experts involved in fishery and sustainable fisheries management

For more information and to join please visit:

<https://www.unecce.org/tradewelcome/un-centre-for-trade-facilitation-and-e-business-uncefact/about-us/team-of-specialists-on-sustainable-fisheries.html>

