Dematerialized trade business: LoC data intersection Original Data Set **Originating Network** loT: Location Signal Custom Declaration Cert of Origin Bill of Lading Referenced Data Set Referencing Network Invoice 2 ("carbon copy") "Customize" Customs networks Deal settlement Certifying origin Signing, KYC, -or fully digital trade "ChemNet" B2B networks Buyer Co. Seller Co. "FinanceNet" Trade finance networks "TransNet" Provenance networks Payment Networks Whatever networks Logistic networks Identity Networks "CheckMe" Inspections networks "RegulatorView"

Data Sinks for Regulators

Operating System for Trade

Business Networks will form an Operating System for trade

Applications can be deployed on it by everyone who please to do so

Applications on BNs will be the new Point of Sale for Services around trade

AppStores will be established

Standardization

Standardization will make Applications easier, faster, cheaper to build and deploy

Too many standards increase complexity – deflation required!

Network effects are required – the faster, the better!

Coopetition

- Community in the ground floor and basement
- Competition in the higher floors

Challenges & Requirements

Adoption of DLT / Blockchain

the only way to bring about seamless data exchange between
a multitude of trading parties

Harmonization of legal frameworks for trade across the nations

All legislations to harmonize trade law according to

UNCITRAL ML-ETR

Besiege the legacy minds

Make people contribute to communal efforts for their own good

Remove trade hurdles

Forget about taxing international data transfers

Not exhaustive, no precise representation

Digital "Standards" for Invoices

BASDA XML (eBIS)	FatturaPA.xml	SETU
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CENBII04 – PEPPOL Finvoice SIX Paynet

CFDI GS1XML (v2.6, v3.1) Svefaktura

Chorus Pro IDOC TEAPPSXML (Tieto)

CII ISDOC TRADACOMS

cXML NF-e TSCSV

e2bXML OAGIS TSUBL

ebInterface OIOUBL X12

EDIFACT OIOXML xCBL

EHF PIDX XRechnung

Facturae RosettaNet ZUGFeRD