

UN/CEFACT Project
**Recommendation for ensuring legally significant trusted trans-boundary
electronic interaction**

Palais des Nations
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project leader

Needs & Expectations

Highest level declarations

“The Electronic Communications Convention is an enabling treaty whose effect is to remove those formal obstacles by establishing equivalence between electronic and written form.”



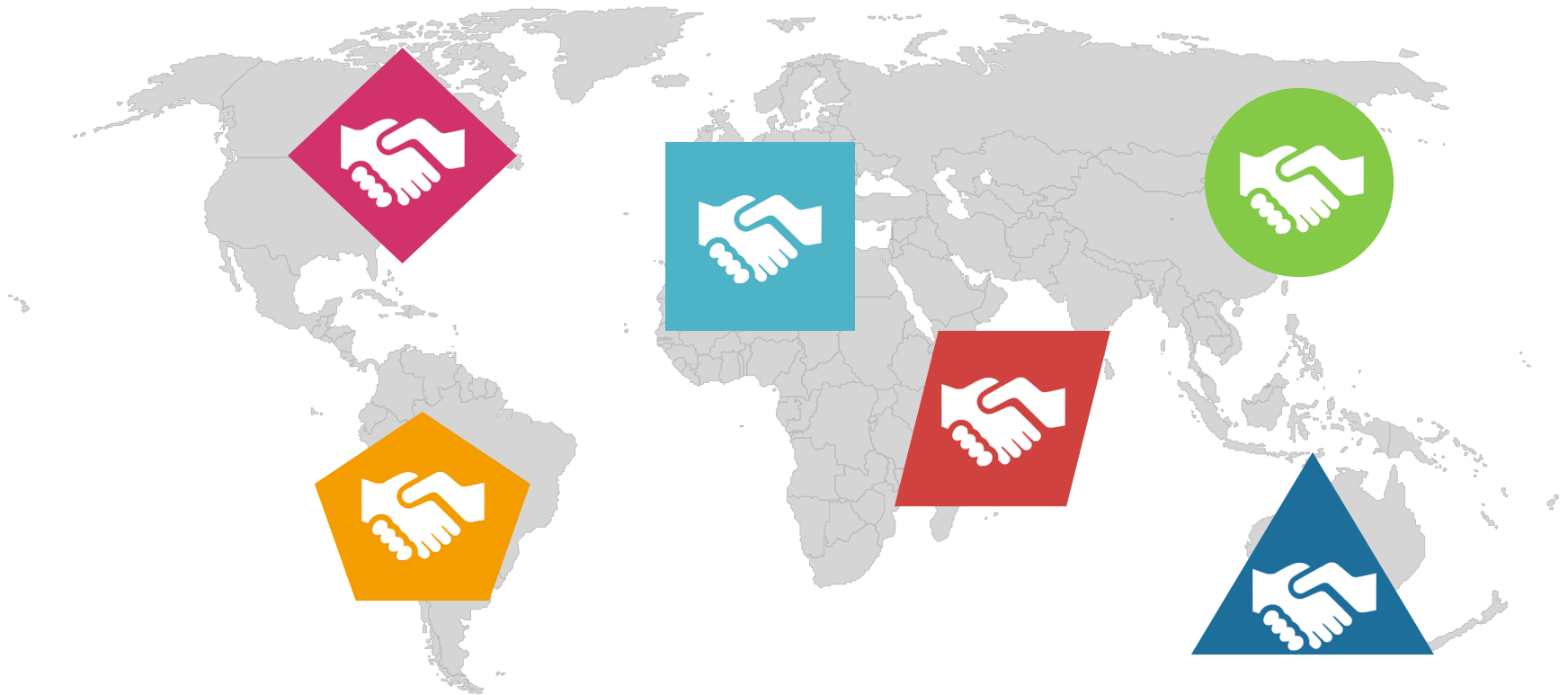
“Article 1: publication and availability of information
Article 10: formalities connected with importation and exportation and transit”



“...necessary to be more active in promoting confidence and trust in electronic environments globally by encouraging secure cross border flows of information, including electronic documents.”



In practice



an increasingly fragmented landscape
with “islands of trust” in a sea of uncertainty

«Ensuring Legally Significant Trusted Transboundary Electronic Interaction» project recommends



how to build and manage national Trust Infrastructures
in a best way so they would be interoperable with each other
for e-Trade facilitation

Task decomposition

LEGAL INTEROPERABILITY

Aligned legislation so that exchanged data is accorded proper legal weight



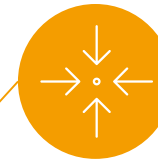
TECHNICAL INTEROPERABILITY

Planning of technical issues involved in linking computer systems and services



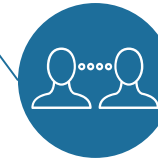
ORGANIZATIONAL INTEROPERABILITY

Coordinated processes in which different organizations achieve a previously agreed and mutually beneficial goal



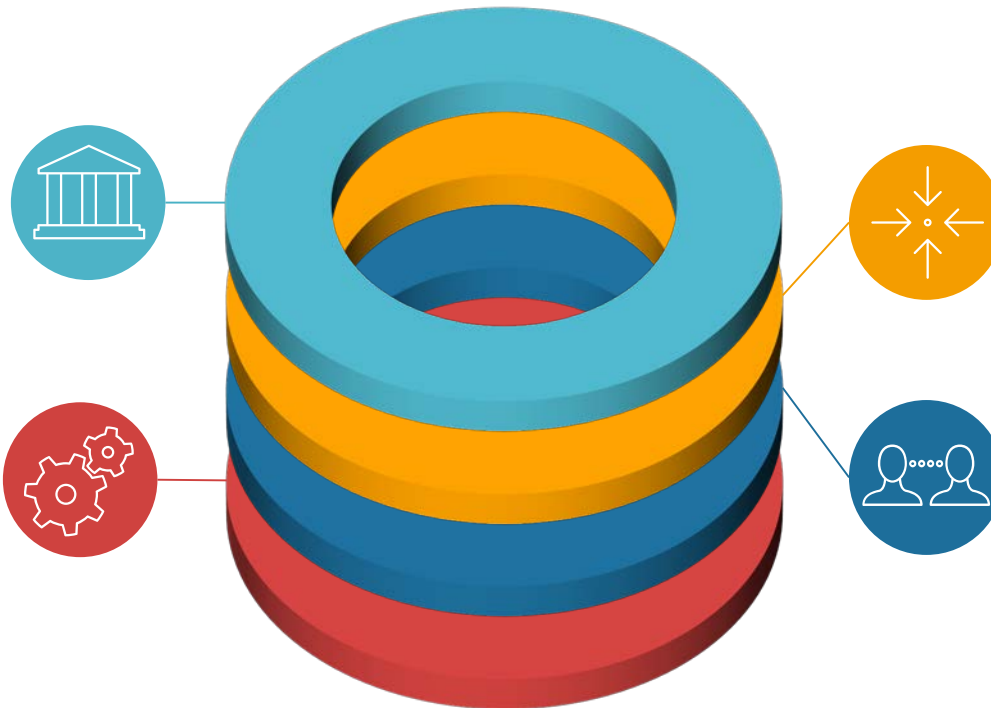
SEMANTIC INTEROPERABILITY

Precise meaning of exchanged information which is preserved and understood by all parties



Interoperability Framework

Competencies



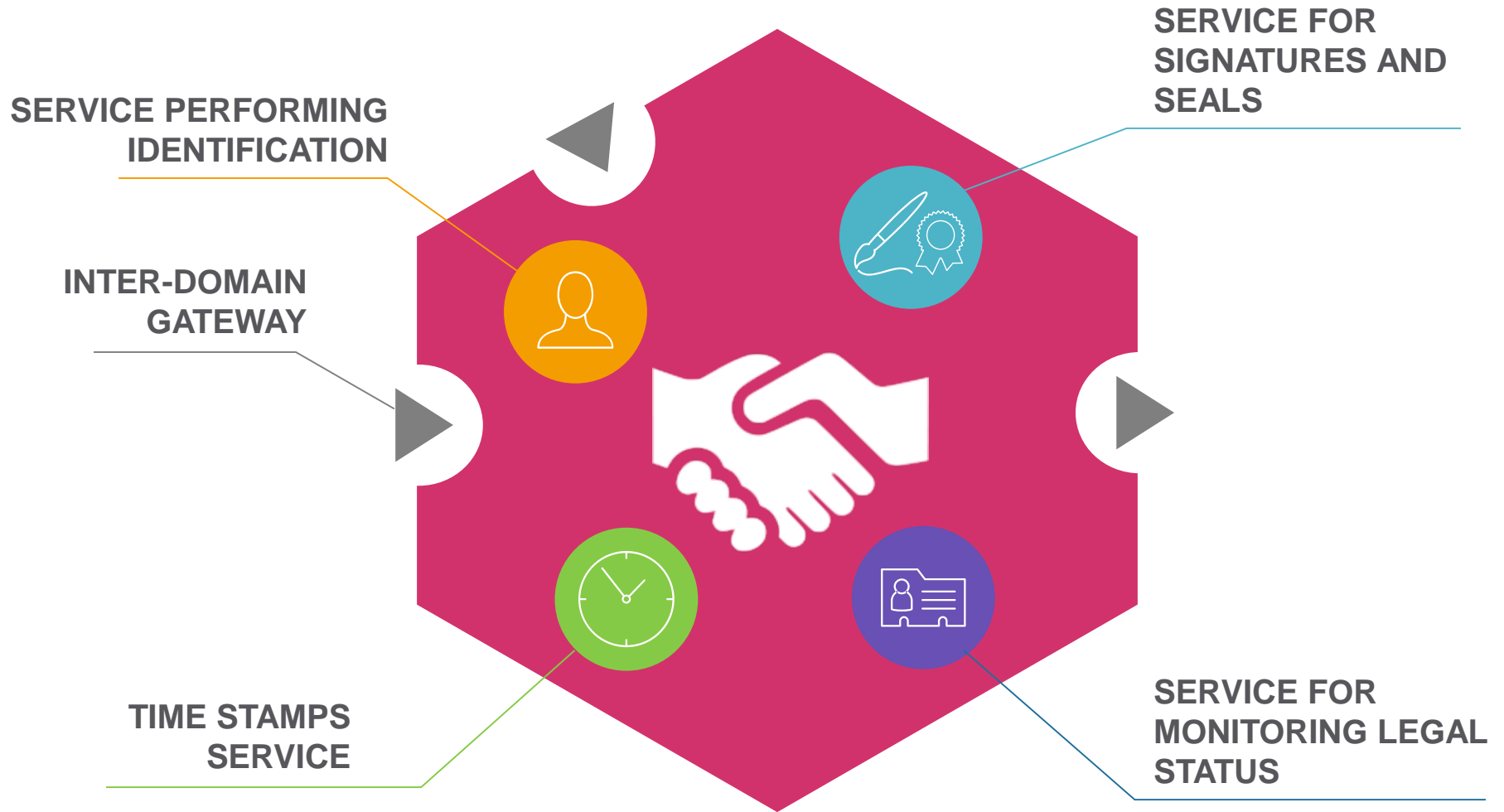
UN/CEFACT

Common Trust Infrastructure establishment principles



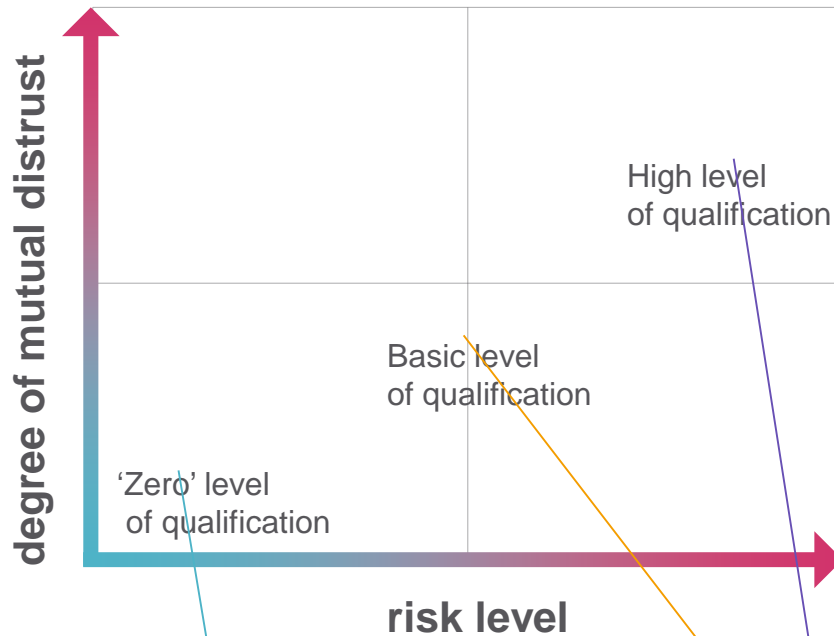
What is Common Trust Infrastructure?

Basic Trust Services Types



Levels of qualification of trust services

Which one to use?



Recommendation 14
elaborates

Trusted Transboundary Project
elaborates



Trust services operate under one or more **international legal agreements**, and they meet the requirements and follow the **rules laid down by some international coordinator**.

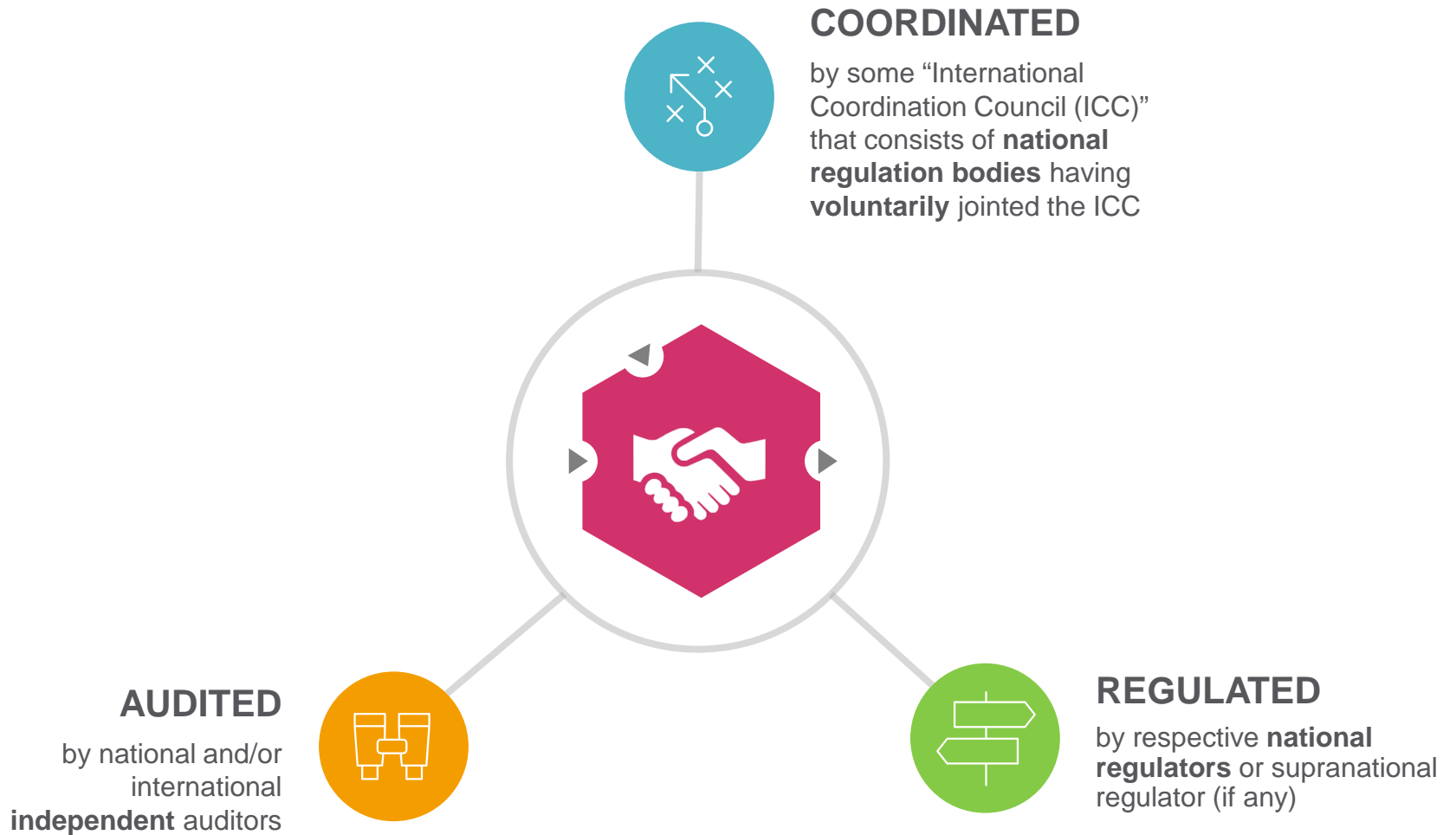


Trust services operate under one or more **commercial agreements**, and they can be established within some **large scale international projects** and follow the **recognized best practices** for trust service providers.

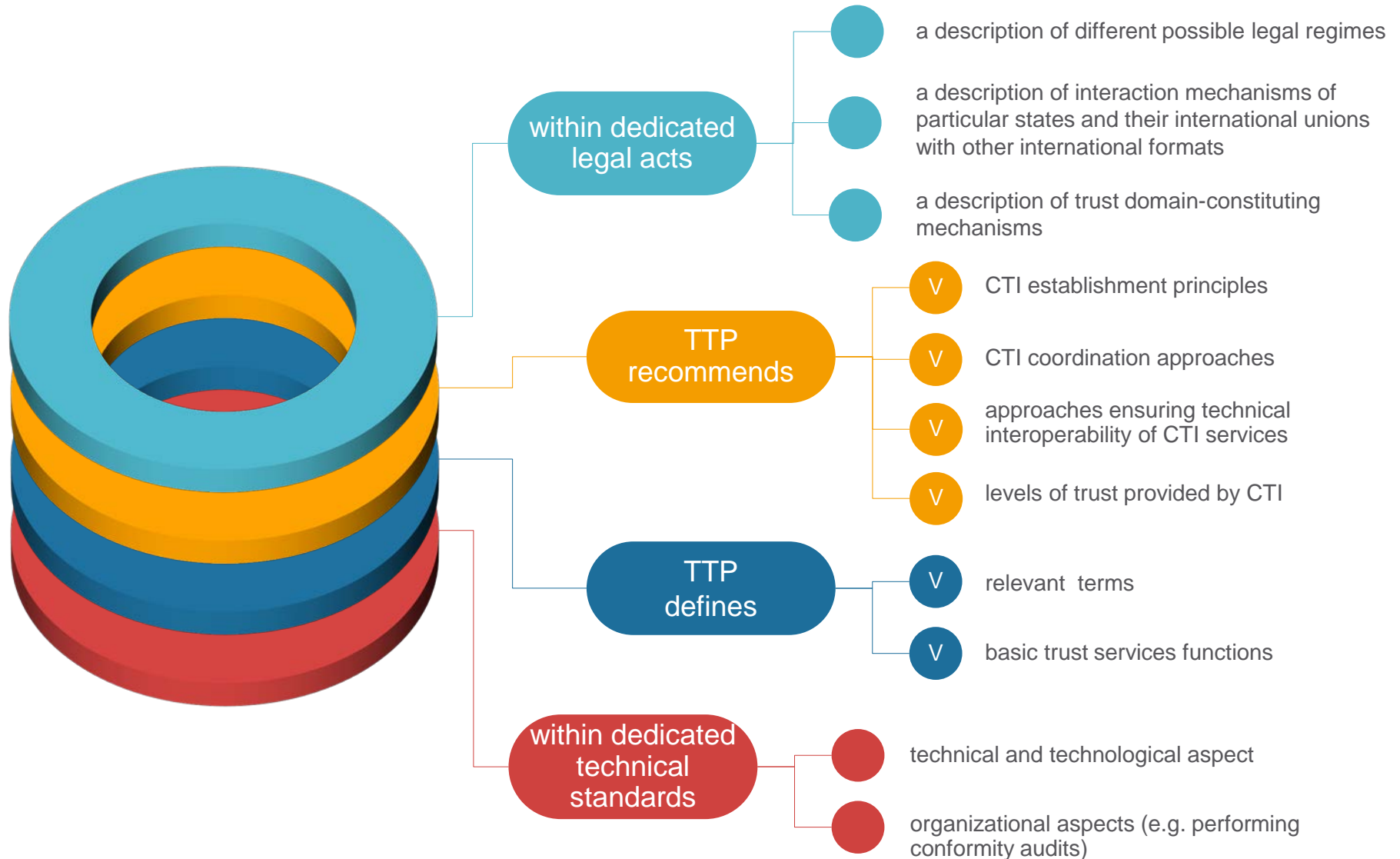


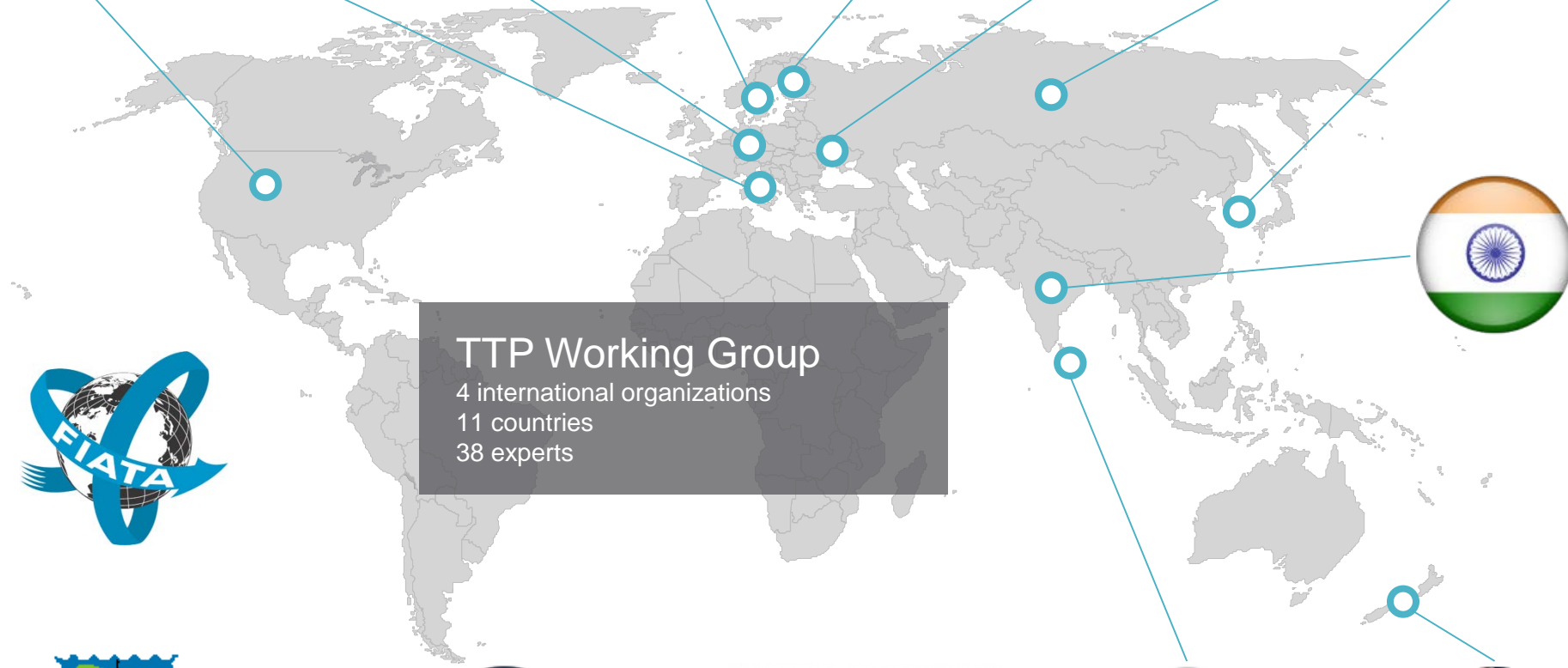
No trust services required. Any ICT-services without support by trust services with: email, messengers, cloud storages, etc.

Trust services within Common Trust Infrastructure



To be elaborated with dedicated bodies





TTP Working Group
4 international organizations
11 countries
38 experts



Regional
Commonwealth in
the field of
Communications



European
Union

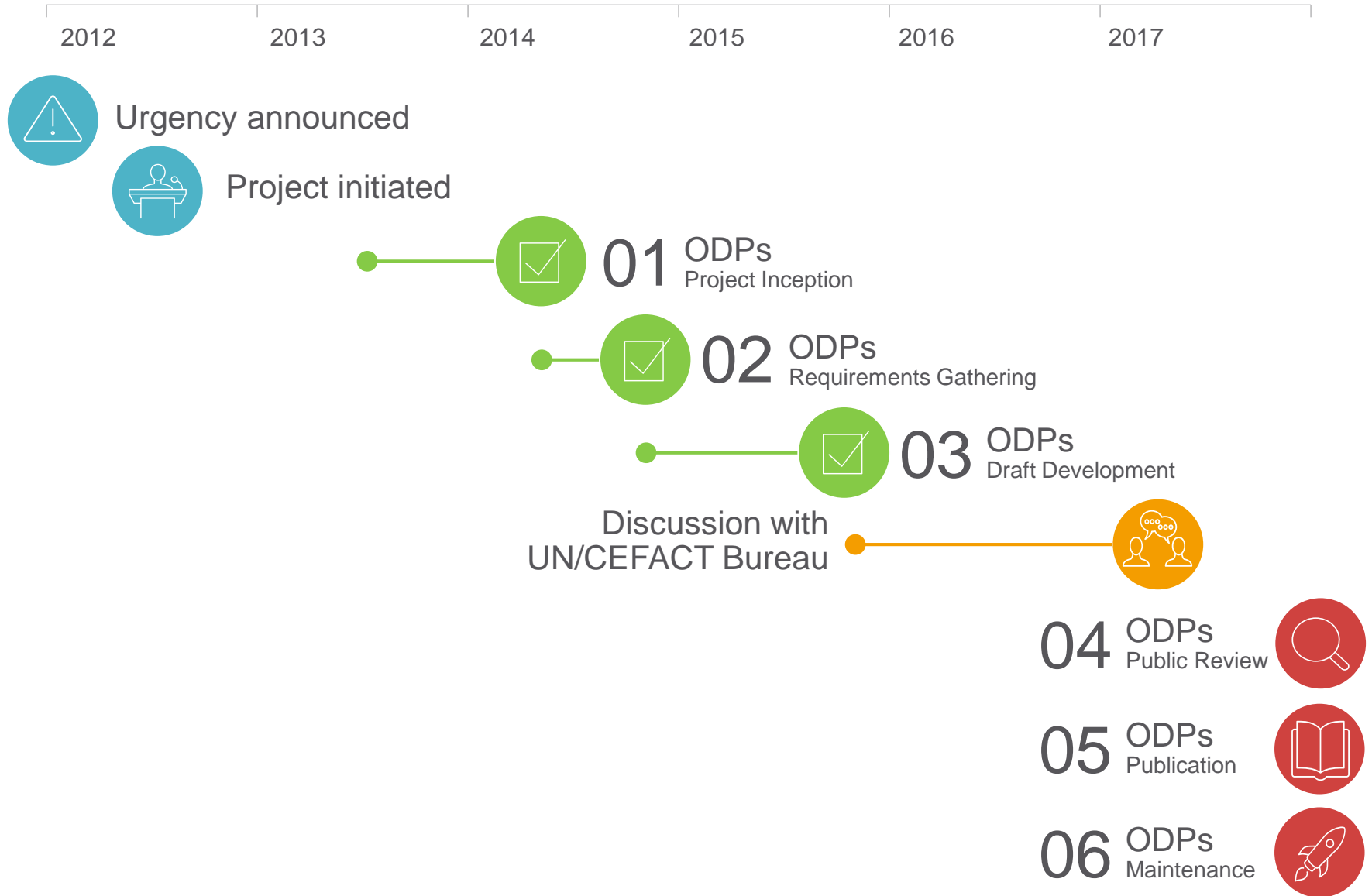


Eurasian
Economic
Union



Timeline

Open Development Process stages (ODPs)



Suggestions on ways forward



01

Organize a joint work with UNCITRAL

Establish a dialogue on TTP legal issues between UN/CEFACT, UNCITRAL and other international organizations

02

Initiate the TTP Recommendation Public review

03

Organize a joint work with standardization bodies

Technical and technological aspects elaboration and the verification of the re-usability of existing standards

QUESTIONS?

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