

Submitted by the IWG on DETA

Informal document **WP.29-173-15**  
173rd WP.29, 14-17 November 2017  
Agenda item 4.5.

**Working paper** DETA-30-09  
30th session of the IWG on DETA

# Status DETA

# Ways forward

November 2017

# What is DETA?

- Definition
  - Database for the Exchange of Type Approval documentation and information
  - Supports mutual recognition
- Different evolutions
  - V0: existing test version based on ETAES\* (exchange of Approval & Compliance Documents) currently managed by KBA
  - V1: is V0 in productive phase with basic functionalities, only
  - V2: include Unique Identifier (UI)
  - V3: include DOC

\*European Type Approval Exchange System (ETAES) used in EU

# DETA and WP.29

- DETA is introduced by Revision 3 to the 1958 Agreement Schedule 5 through outlining in its Schedule 5 the provisions for “*...utilizing the secure internet database established by the United Nations Economic Commission for Europe...*”.
- The Unique Identifier (UI) is introduced by Revision 3 to the 1958 Agreement Schedule 5.
- The Declaration of Conformance (DoC) is introduced by Regulation No. 0 (IWVTA).

# Expected benefits

- Direct
  - Reduction of administrative burden
  - Faster processes
  - Crucial for the simplification of the GRE Regulations (UI)
  - Accommodate new needs regarding certification marking
  - Access (without request) to compliance documentation
    - Important for market surveillance
    - Check certification withdrawn (e.g. COP non compliance)
- Indirect
  - Important for authorities to verify the validity of certificates
  - Important for authorities to authenticity (e.g. falsification) of certificates

# Potential benefits\*

- Software updates (e.g. Over The Air)
- Storage of software version numbers
- Storage of validation models for Automated Driving
- Available for other compliance certifications e.g. blue ribbons, CCC

\* To be further elaborated

# Scenario 1

- Stand alone project hosted at UNECE (See letter sent by the secretariat)
- Estimated costs: 3.6 Mio USD
  - Includes Step 1 to 3, running costs and HR for 5 years
- Conditions:
  - donation pledge (public or private)
- Implementation steps:
  - Donation pledge for 3.6 Mio USD (time reference)
  - Project adopted by EXCOM (+3 months)
  - Purchasing (+4 months) ,
  - migration / installation (+1 month)

720.000 USD per year

13.500 USD per year per CP

# Scenario 2

- Step-by-step installation of DETA at UNECE
- 3 consecutive projects
- Estimated costs:
  1. Step 1 (DETA V1 License, installation, running costs 1 year) 45.000 EUR\*
  2. Step 2 (DETA V2 Unique Identifier): 100.000 EUR
  3. Step 3 (DETA V3 Declaration Of Conformance): 200.000 EUR
- Conditions
  - Pledge for each Steps
  - Pledge for 1 JPO post (Confirmation JPO post) – **important savings vs. scenario 1**
- Implementation steps
  - Step 1
    - Donation pledge 45.000 EUR (reference date)
    - Project adopted by EXCOM (+3 months)
    - Purchasing (+4 months) ,
    - migration / installation (+1 month)
  - Step 2 (UI)
    - Donation pledge 100.000 EUR (reference date) (public or private)
    - Project adopted by EXCOM (+3 months)
    - UI (+1 year)
  - Step 3 (DOC)
    - Donation pledge 200.000 EUR (reference date) (public or private)
    - Project adopted by EXCOM (+3 months)
    - DOC (+1 year)

\* Estimation based on the list price from 2007

105.000 USD per year  
2.000 USD per CP per year

# Scenario 3

- Temporary [2 years] hosting in Germany (KBA)
- This is only a catalyst to promote DETA
- Estimated costs for UNECE:
  - 0 during the temporary hosting
  - running costs etc. after migration to UNECE to be determined by experience
- Minimum conditions:
  - UNECE is then hosting DETA
  - Pledge from donors [for 300.000 EUR (V2+V3)]
- Implementation step:
  - Agreement by WP.29

# Consequence of not deciding...

- Jeopardizing the simplification of GRE Regs.
- Increasing administrative burden for exchange of compliance documents
- Jeopardizing mutual recognition of IWVTA certificates (no or difficult or limited access to system type approvals)
- Other solutions would need to be found for:
  - Software updates (e.g. Over The Air)
  - Storage of software version numbers
  - Storage of validation models for Automated Driving

# Decision of WP.29

- The IWG on DETA is requesting WP.29 to decide on one scenario until March 2018
- A decision “engages” the CP in terms of donation pledge
- IWG is recommending Scenario 2 (with 3 as fall back)

Scenario 1

- + best solution
- expensive

Scenario 2

- + good solution
- + feasible

Scenario 3

- + fastest solution
- + “catalyst”
- + good fall back solution
- Uncertain migration