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    • Check certification withdrawn (e.g. COP non compliance)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