



Report of TOMP-API working group  
05/09/2024, session #89  
14:00h-16:00h, Hybrid; Teams & The Hague  
Chair: Tu-Tho

### **Introduction of all working group members and introduction meet up.**

- Online: Jelten, Markus, Tjalle
- Onsite: Ayse, Jeffrey, Paul, Edwin, Eddy, Matthias, John-Peter, Roman, Carl, Isabelle, Brede, Markus, Irma, Roelof, Ferdinand, Arthur, Ross. Tu-Tho

Tu-Tho opened the meeting and welcomed everyone to the TOMP summer meet up. Many thanks to KNV for the meeting room and NTM for organizing the lunch and drinks.

### **1. Approval of report of previous working session**

Walkthrough actions in report

- i. The only change in report was on the action for Ross in October.

### **2. Presentation EDIC by Paul Theyskens**

- Main deadline to submit the use-cases: November
- Operation: 2025
- 3 main categories for 30 use-cases: Mobility, Logistics, Horizontal & Cross-sector
- Next steering meeting: November
- WG: open to all – no constraints for now. To join, reach out to Acatech. There are no fees attached for now except for own invested resources
- Next big milestone: cascading calls opened with up to 10 million with a 50-50 funding. Will be tendered in mid-2025
  - Open to all based in the EU – Affiliated such as Norway tbc

### **3. Presentation latest developments NTM by Ayse Öcal & Arthur Keesen**

NTM is hosting the Dutch NAP, but they have a broader approach, by working on policy ambition & standardization. Current shared mobility standard that NTM is supporting are "TOMP API", "CDS-M" and "Openwheels".

Arthur continues about dataset publications. The MVP for standards documentation/registry will be available end of 2024, beginning of 2025.

### Questions:

- Data quality: current discussion within Napcore, responsibility mainly relies on the data owners → future evolution
  - i. Brede: important to coordinate on the different levels of integration of profiles to expand beyond Europe. Also, getting the data used to increase the data quality which is the best incentive
  - ii. Key to have the same methodology for data quality measurements
- Catalog: building the API in the upcoming (mobility mDCAT) and for now their own technology for the catalog

### 4. Presentation KNV by Jeffrey van Gils

- Want to create the next playing field and clear legal framework
- KNV active in TOMP WG to make sure that all members can contribute and know what is happening in standardization
- 3 hands-on projects
  - i. PT of the future for on-demand PT
  - ii. Traveler first: user-friendly with passenger information & inclusion of cars to support modal shift (not yet automated car)
  - iii. MaaS ready society: public-private partnership to influence policy
- 38 members for KNV Connected Mobility, that is an extension of the MaaS lab → only restriction to be a member: willingness to integrate

### 5. Update on the International House of TOMP by Carl Fredlund, Isabelle de Robert, Roelof Hellemans.

- Slides are the results of the discussion between MD & MA, based on the request they received from the TOMP-WG to work together on a solution
- Main objective: get more people to adopt TOMP and make sure it is sustainable
- Based on the strength of both organizations and their learnings from projects they both handle
- Important to make sure the transition of the IP is correctly managed to maintain what was already in place within the TOMP-WG
  - i. Licensing & CLI to make sure open-source contributors are managed
- 2 different governances to make sure it is clear (strict definition)
  - i. Specifications
  - ii. Organization with paying members for the baseline
- Projects such as EDIC as in the stream of the 2<sup>nd</sup> type of revenue

### Questions:

- Exploration of how the LINUX foundation works?

- i. Have already looked at a discount membership for members who are already members of the MA, for example
  - ii. MD works closely with the LINUX foundation, so familiar with their model
  - iii. Note: LINUX foundation is part of the EDIC commons
- What happened to the TOMP Advisory board presented by the WG?
  - i. Separation of the board for the specs vs the one of the foundation
  - ii. Similar to the LINUX foundation
- Relation with the CAB/SC?
  - i. Potential inclusion in the advisory board of the foundation
- Stand-alone organization? What is the justification for it?
  - i. Time & money
  - ii. From MD: independent plan on place to manage the IP in the long-run
  - iii. Support for all the ancillaries around the open-source project
  - iv. From Brede: too many organizations already with fees
- Numbers? Timeline?
  - i. Costs: same as the scenario that the TOMP-WG scenario (low) with seed-funding still possible from MD
  - ii. Timeline: based on the requirements from the NL Mint; hopefully by the end of this year
- Main benefits of the paid membership
  - i. As of today, not fully flushed out but based on what exists for other open-source projects / initiatives
  - ii. Questions of the scale
- Who takes the decision?
  - i. The entire TOMP-WG with the support/advice from CAB/SC
- Is it possible to have another business model (e.g., micro-transaction fees)?
  - i. Suitability for TOMP & meeting the idea of open standards?

## **6. Presentation on v2.0 (Transmodel based) by Edwin van den Belt.**

Due to time constraints, there was no room left for questions. The V2.0 plan needs further elaboration. All questions can be sent to Ayse or Edwin. If you would like to contribute to the plan, please contact Edwin.

## **7. Update on the working teams.**

- WT1 Technical Issues: status version 1.6 & 2.0 (set deadline?)
  - i. No deadline has been set up yet.
  - ii. WT1 is "recruiting". All volunteers are welcome.
- CAB Update: proposal new house of TOMP

- i. CAB: discussion lasted over 2 hours
  - ii. Final form of the advice will be drafted by Gemma after meeting with Eddy tomorrow. Some questions still remain and will be solved this weekend.
  - iii. Formally the SC has the “final” say, so it is important to make sure the presentation of the advice is clear.
- WT<sub>3/4</sub> Standards, Dissemination and Communication: Jelten gave a presentation of the achievements of the working team over the past year and the plans for the coming months.

## 8. Other items

Ross asked if there is any platform for open topics.

- MaaS Alliance has set the M<sub>4</sub>U platform for open discussions
- Concluded that we can have it back in the WG meeting

## 9. Determine tasks for next meeting

- Circulate a registration for dedicated workshops with WT<sub>3/4</sub> to finalize the discussions/next steps for the House of TOMP
- TOMP v2.0
  - i. All questions for TOMP v2.0 to be send to Ayse before the next WG
  - ii. Next meeting: Edwin will give more details on some meta standards that is hard to understand for non-tech people
  - iii. All volunteers to discuss the v2.0 with Edwin should reach out to Edwin (Ross & Eddy are already willing)
  - iv. Conversation to be continued at the next WG
- Add back the open discussion on the meeting agenda

Next meeting #90 will be on September 25<sup>th</sup>.