Telco Global API Alliance – Meeting

16.09.2021

Agenda

Timeline

Feb 2022
MWC Official launch of the alliance

14.10.2021
Kick Off for (stealth) project

17.09.2021
Project approval

Delayed but without effect on further alliance work

13.08.2021
Start project approval in CNCF and GSMA

Create project proposal, Governance model, Github repository, Project name, First code

08.07.2021
Soft Kick Off
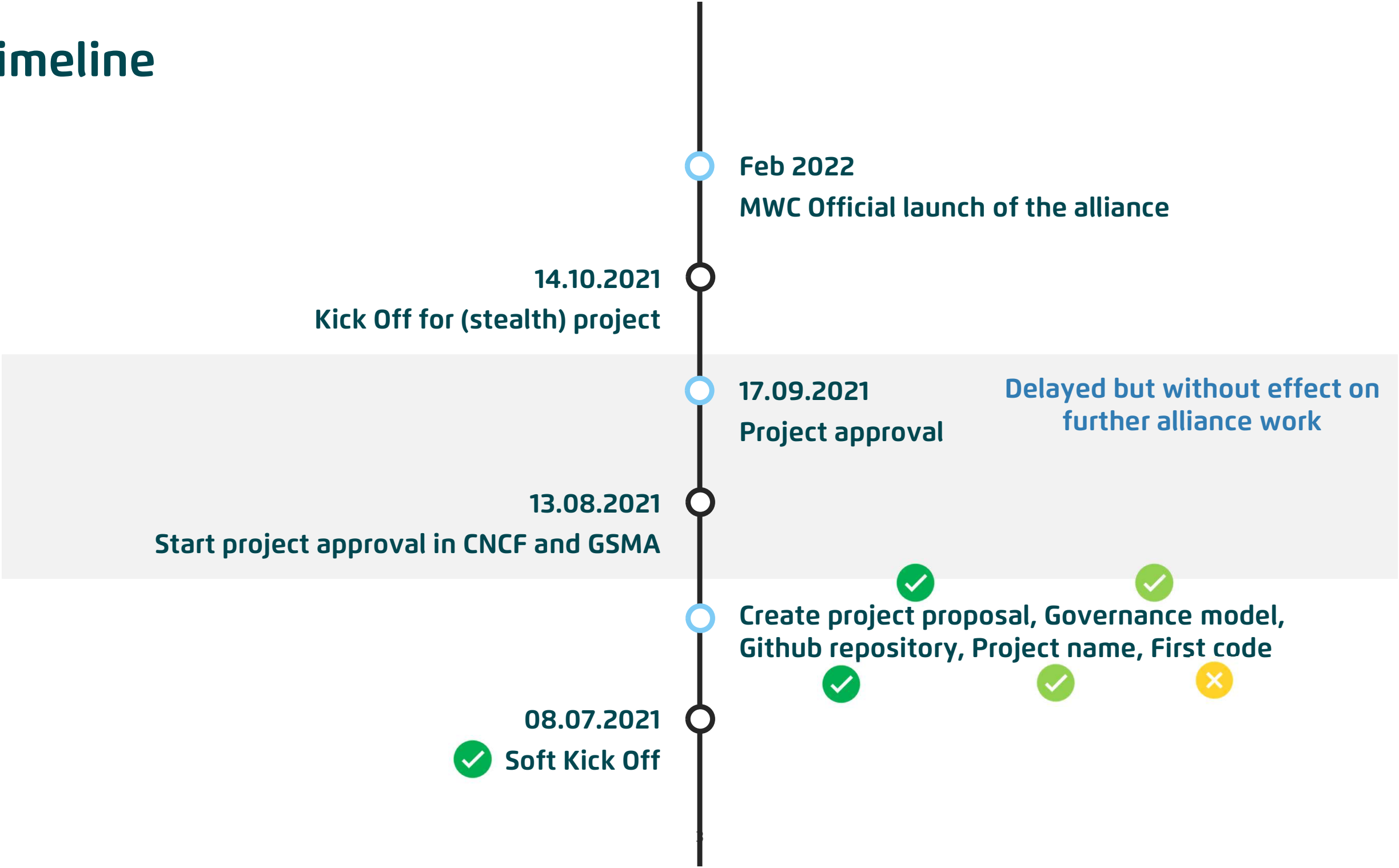
DT has created a private Github repository to kick off the project.

Add your name to the repository "Telco Global API Alliance" to start contributing to the alliance.

(If you need access to GitHub repository send me a short notice)

Nokia-Marc Update PARTICIPANTS.MD · 677e069 20 hours ago · ⏱ 124 commits

📁 APIs	Delete Specification.md	yesterday
📁 declarations	Update file-header.txt	23 hours ago
📁 documentation	Add files via upload	5 days ago
📄 4-THE-REPO-OWNER.md	add initial version of compliance / health documents	last month
📄 CODEOWNERS	Update CODEOWNERS	21 days ago
📄 CODE_OF_CONDUCT.md	Update CODE_OF_CONDUCT.md	23 hours ago
📄 CONTRIBUTING.md		
📄 NOTICE		
📄 PARTICIPANTS.MD		
📄 ProjectCharter.md		
📄 ProjectStructureAndRoles.md		
📄 README.md		

6 lines (5 sloc) | 299 Bytes

Org	Name
Deutsche Telekom AG	Nathan Rader
Deutsche Telekom AG	Markus Kümmerle
Deutsche Telekom AG	Shilpa Padgaonkar

Current name suggestions (result of vote)

NEX-O	4
Camara	2
networkapi	2
Network API Alliance	2
Bitfrost	1
Telco Global API Alliance	1
Global Telco API Alliance	1
Kamera	1

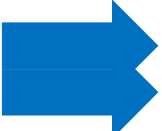|	
NEX-O	**4**
NetworkAPI	**4**
Camara	**3**
TelcoGlobalAPI	2
Bitfrost	1

We propose two step approach. First collect name proposals. Second create a poll and vote. Please add your name and discuss in GitHub issue#8.

https://github.com/telekom/telco-global-api-alliance/issues/8#issue-984924923

Governance & scope

Review the documents and provide feedback:
- Correct typos and bad grammar immediately in the files
- In case of needed content changes create a GitHub issue

Governance & scope

GitHub issue #10

Changes for project charter and project roles
→ Scott will check the changes, Markus will implement it.

Project charter: Add one sentence to specify how the initial steering committee is build:
At the inception of the project, the voting members of the Steering Committee were agreed in a bootstrap steering committee meeting. **Each company listed in Participants.md names 1 contact person for the steering committee.** The voting members...

Project charter: Insert one senctence at the end of the Steering Committee section:
The decisions within the steering committee are taken by majority vote with a given quorum of 2/3 of the voting members.

Roles: Delete the first sentence in the section working groups ("Community rallying points are used to facilitate discussions/work regarding topics that are short-lived or that span multiple sub-projects.") and change the second sentence to:
Working groups are primarily used to facilitate topics of discussion that are in scope for the Telco Global API Project but **that are short-lived or that span multiple sub-projects.**

Use the wording **harmonization** *instead of* standardization *in project description in project charter, Readme, CNCF project proposal*

Governance & scope

GitHub issue #4

Question on possible add. legal license effects / fees when GSMA publishes the open source / royalty free APIs developed and documented in CNCF.
Will be clarified between GSMA and CNCF and documented in the legal statement between both organizations. Answer in advance: Code will be kept under Apache2.0, documentation (CC4) to be checked. No fees expected. Please see the GSMA slides at the end of this presentation.

GitHub issue #5

E/WBI code to also sit in LF project? All Code in LF/CNCF? E/WBI in scope of this project?
Will be clarified between GSMA and CNCF and documented in the legal statement between both organizations. Answer in advance: E/WBI will be in scope of this project (please see GSMA slides).

GitHub issue #9 *Closed*

IPR question: What happens if an API is already under IPR (of 3rd party)?
Has to be answered from case to case. CNCF has a lot of experience to resolve such issues.

Governance & scope

Decided

To prepare the project Kick Off at 14th of October
- we propose to implement the steering board and to
- start the first sub projects for API development

So until our next meeting at 30th of September
- please highlight the 1 person who shall be part of the steering board in the PARTICIPANTS.MD file with a "Yes" in the steering board column
- Add the names of your maintainers for the API sub project in APIBacklog.md (in the partner column behind your partner name)

First ideas for API contributions

API family	Tags	Partner who intends to contribute	Description of API family	Supporting capabilities	Availability	Relevance	Priority
Quality on demand	CRA: User	DT, TELUS, TEF	It provides the customer with the ability to: • set quality for a mobile connection (e.g. required latency, jitter, bit rate). • get notification if network cannot fulfill.	• NEF (Rel-15, M) • PCF (Rel-15, M) • UDM (Rel-15, O): to store info for use in future sessions/connections	Short-term	HIGH	1

/APIs/APIBacklog.md created by Telefonica with few contributors so far. Tags added
Please review and add your company name if you intend to contribute

https://github.com/telekom/telco-global-api-alliance/blob/6386aa8f9c6566f98e9f7319922a689431cf7752/APIs/APIBacklog.md

Additional topics / new issues / general backlog

GitHub issue #6 ~~Closed~~

As discussed in last call. Proposal to create generalbacklog.md file to include topics which do not fall under API families but are still relevant in working group discussions.
Examples of such topics could be authentication and authorization of service APIs, Notification Events, exposure gateway etc.

For the moment we suggest to use GitHub issues instead of a file/list.

Additional topics / new issues / reference architecture

GitHub issue #7

As discussed in last call. Telefonica provided file with reference architectures. How to proceed?

"This issue is to check if the team agrees on the architecture(s) to be used as a reference. The initial proposal is to use the (1) ITU-T Cloud Reference Architecture; and 2) TMF Network as a Service framework.
We do not pretend to include architecture work of the project (that we understand should be focusing on developing the APIs) but to understand (and hopefully agree) on the context for such APIs, helping operators and technology providers that may be willing to include these APIs in their products.

The attached PPT provides a quick overview of the reference architectures, and presents a proposal for linking the different API families with them. We'd like to know the view of the rest of participants."

Q&A

OPG x CNCF

Roundup after summer

CNCF Global Telco APIs project

- Hosted by CNCF

- Focuses on driving developer use of telco capabilities

- Follows OPG requirements and Roadmap
  - Functionality exposed by NBI needs to be available from underlying platform

- Delivers
  - NBI exposing telco capabilities and EWBI (SBI & UNI TBC)
    - Stored in a CNCF repository
    - Using Apache 2.0 license
    - Developed in iterative process with API Validation
    - Used by
      - OPG for NBI and EWBI
      - Platform Providers and developers
  - API documentation
    - Using Creative Commons license (TBC)
    - GSMA to reference in specification work
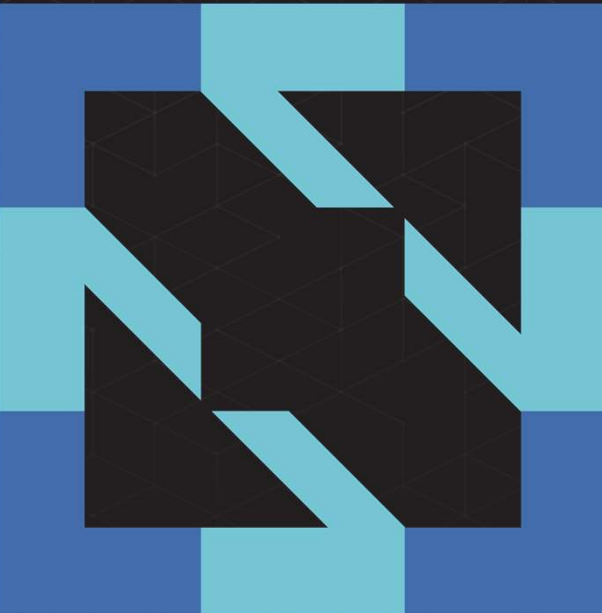
Proposed approach

Joint Terms of Reference (ToR) required by GSMA / Linux to agree the following points:-

CNCF Global Telco APIs Initiative provides repository for APIs

- Would cover different interfaces:
    - currently expected mainly NBI and EWBI between exposure Gateways/operator platforms
    - Would set its own roadmap and accept API contributions on all areas
- Will validate that APIs are fit for purpose through testing activities between developers, operators and platform providers

GSMA consolidates input on OP interfaces to contribute to CNCF that are aligned with its specifications

- e.g. OP, IoT, etc.
- GSMA OPG Subgroup to do pre-alignment to come to joint contribution where multiple parties have implementations covering same area, pre-alignment with those contributing code/APIs
- OPG members invited to join Telco APIs project
- Expectation OP joint API contribution which meet requirements carried forward from OPG and adopted in Telco APIs project (ratified by joint OPG/Telco APIs members)
- Licensing: Developed under Apache 2.0 licenses and standard open source terms. No issues on GSMA side – just need to be clear in ToR

GSMA promotes stable APIs in repository where they cover its specifications

- Specifications referring to Telco APIs for realisation
- Marketing activities to promote adoption of specifications and thus telco APIs
- Note. GSMA would only support and promote if Telco APIs realising OP requirements/implementation

Conformance activity verifying commercial implementations for interoperability and compliance with selected APIs

- For discussion: who will do interop verification? Parked till later but within scope

GSMA monitors Telco API activities to identify new areas to potentially cover by GSMA specifications

- Subject to member approval and contributions
- Either an extension of existing specifications or new ones

GSMA will share OP requirements with SDOs, and retrospectively align with and refer to Telco APIs output and shared update with SDOs via Liaison Statement.

Next steps

GSMA / CNCF to finalise Terms of Reference of groups involved

GSMA Operator Platform Group approval – expected 28th Sept

GSMA OP subgroup will commence work on consolidated input to Telco APIs project