



CAMARA

The Telco Global API Alliance

Steering Committee

09.12.2021

Agenda

01 Welcome new participants

02 Qorum given?

03 Project governance updates

04 Sub project status

05 Working group status

06 API backlog update

07 GitHub open issues

08 MWC CAMARA announcement

09 AOB

Welcome new participants

Public Github repository for CAMARA project

To Do...

Add your name to
"[camaraproject/rep_main](#)"
to start contributing
to the alliance.



MarkusKuemmerle

Add files via upload

c36de1d yesterday 366 commits

APIs

Add files via upload

yesterday

WorkingGroups

Update MOM-24-11-2021.md

11 days ago

declarations

Update file-header.txt

10 days ago

documentation

Add files via upload

7 days ago

CODEOWNERS

Upd

CODE_OF_CONDUCT.md

Upd

CONTRIBUTING.md

Upd

NOTICE

Upd

PARTICIPANTS.MD

Upd

ProjectCharter.md

Upd

ProjectStructureAndRoles.md

Upd

README.md

Upd

Org	Name	Steering Board
Deutsche Telekom AG	Nathan Rader	Yes
Deutsche Telekom AG	Markus Kümmerle	Representative
Deutsche Telekom AG	Shilpa Padgaonkar	
Deutsche Telekom AG	Herbert Damker	
Deutsche Telekom AG	Elmar Mundt	
Deutsche Telekom AG	Piotr Wesolowski	
Deutsche Telekom AG	Herbert Damker	
Deutsche Telekom AG	Noel Wirzius	
Deutsche Telekom AG	Carlos Fernandes	
Telefonica	Juan Carlos Garcia	Yes

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

3

Quorum given? YES!

AT&T	Wiley Wilkins (Barry Elia)	✓
Bell Canada	Daniel Bernier	✗
Deutsche Telekom AG	Nathan Rader (Markus Kümmerle)	✓
Ericsson	Bart van Kaathoven	✓
GSMA	Henry Calvert	✓
IBM	Jason Hunt (Zyg Lozinski)	✓
Intel	Petar Torre	✓
KDDI	Toshiyasu Wakayama	✓
Microsoft	Landon Cox	✓
MobiledgeX	Heather Blanchard (Christoph Goertz)	✓
Nokia	Tanja de Groot	✓
ORANGE	Sylvain Morel	✓
Telefonica	Juan Carlos Garcia (Jose A Ordonez Lucena)	✓
TELUS	Ali Tizghadam	✓
TIM	Roberto Procopio (Fabrizio Moggio)	✓
TMUS	Lyle Bertz	✓

Project governance updates



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

MarkusKuemmerle Add files via upload c36de1d yesterday 366 commits

APIs	Add files via upload	yesterday
WorkingGroups	Update MOM-24-11-2021.md	11 days ago
declarations	Update file-header.txt	10 days ago
documentation	Add files via upload	7 days ago
CODEOWNERS	Update CODEOWNERS	2 months ago
CODE_OF_CONDUCT.md	Update CODE_OF_CONDUCT.md	4 months ago
CONTRIBUTING.md	Update CONTRIBUTING.md	4 months ago
NOTICE	Update NOTICE	4 months ago
PARTICIPANTS.MD	Update PARTICIPANTS.MD	yesterday
ProjectCharter.md	Update ProjectCharter.md	10 days ago
ProjectStructureAndRoles.md	Update ProjectStructureAndRoles.md	10 days ago
README.md		

MarkusKuemmerle Add files via upload e41e7b0 8 days ago History

..		
MeetingMinutes	Update AgendaNextMeeting.md	12 days ago
ressources	Add files via upload	8 days ago
CAMARA Project - CNCF Project Proposal.md	Update and rename Telco Global API Alliance CNCF Project Proposal.md ...	11 days ago
LICENSE.CC-BY	add initial version of compliance / health documents	5 months ago

→

→

Project governance updates

Current status of TOR agreement between LF and GSMA

GitHub issue #4

Question on possible add. legal license effects / fees when GSMA publishes the open source / royalty free APIs developed and documented in LF. Will be clarified between GSMA and LF and documented in the legal statement between both organizations. Answer in advance: Code will be kept under Apache2.0, documentation under CC4. No fees expected.

GitHub issue #5

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

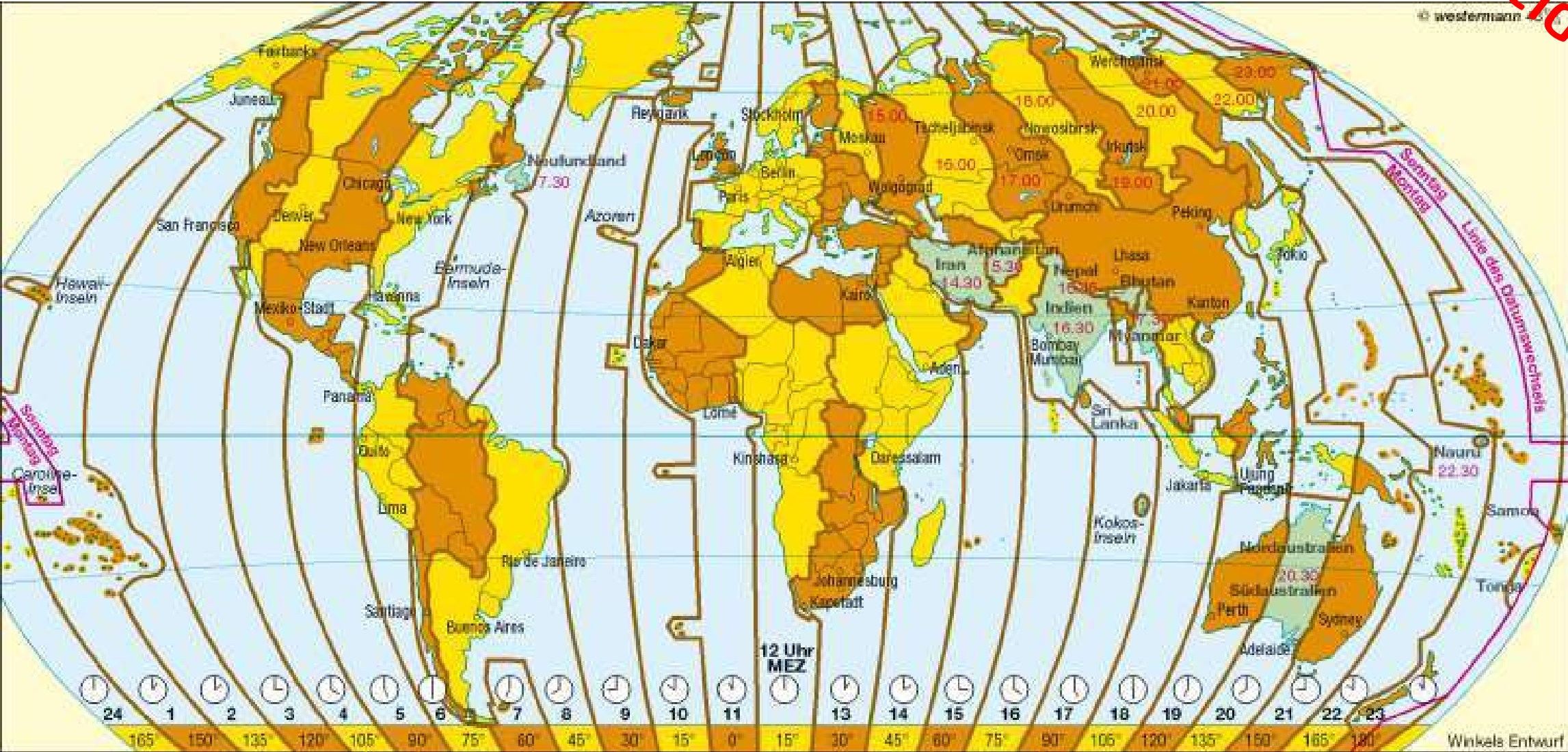
Terms of reference between GSMA OPAG subgroup and CAMARA project in final stage, no more differences, just following the way to approve.

Project governance updates

Meeting schedule

Start meetings 1h earlier (see below)
Skip meeting at 23rd of December

Decided



7

10

15 16

0 1

Project governance updates

OPAG representation of CAMARA



- Nomination of candidates until next meeting at 6th of January 2022:
Please include your proposals here:
https://github.com/camaraproject/re_p_main/blob/main/documentation/MeetingMinutes/OPAG_Representation.md
- Decision in next meeting



Sub project status

“Quality on Demand”

Scope:

- Service APIs for “Quality on Demand” (see APIBacklog.md)
- 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
 - NOTE: The scope of this API family should be limited (at least at a first stage) to 4G and 5G.
- Specify, develop, document and test the APIs (with 1-2 Telcos)
- Schedule: from now to end at MWC 2022
- Location: virtually

Team / Maintainers:

- DT: Shilpa Padgaonkar
- Intel: Petar Torre
- Telefonica: JOSE ANTONIO ORDOÑEZ LUCENA
- Telus: Ali Tizghadam
- Ericsson: Emil Zhang & Jan Friman
- KDDI: Toshi Wakayama

Repository (incl. first draft API spec):

- https://github.com/camaraproject/rep_main/tree/main/APIs/QualityOnDemand

GitHub
issue #15

GitHub
issue #16

GitHub
issue #18

Meeting minutes
in the repository

Working group status

“Commonalities for APIs”

Scope:

- Elaborate and list “Commonalities for APIs”
- Schedule: from now to 30.11.2021
- Location: virtually

Team / Maintainers

- Microsoft: Landon Cox
- DT: Shilpa Padgaonkar
- Telefonica: Jose Ordonez-Lucena
- Intel: Petar Torre
- Ericsson: Jan Friman
- KDDI: Toshi Wakayama
- Please include the names in the MAINTAINERS.MD file if you would like to join

- List available
- Scope extended to work out the commonalities on the list until 31.01.2022

Decided

Meeting minutes
in the repository



Repository

- https://github.com/camaraproject/rep_main/tree/main/WorkingGroups/Commonalities

API backlog update

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: <ul style="list-style-type: none">• set quality for a mobile connection (e.g. required latency, jitter, bit rate).• get notification if network cannot fulfill.	<ul style="list-style-type: none">• 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

Contribution from OPAG will be included in the backlog

/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/camaraproject/rep_main/blob/main/APIs/APIBacklog.md



API backlog update

GitHub
issue #17

593 KB Download

API backlog proposal for change

Camara Telco API alliance

- Establish working group to discuss and perform the changes in the API backlog
- Join working group here:
https://github.com/camaraproject/rep_main/blob/main/WorkingGroups/APIBacklog/MAINTAINERS.MD

| ETMBVKA Bart van Kaathoven | 2021-11-29 | Open | Page 1 of 9

Decided

To Do...

GitHub open issues

Reference architectures

GitHub issue #7

As discussed in last call. Telefonica provided file with reference architectures. Please review and provide feedback.



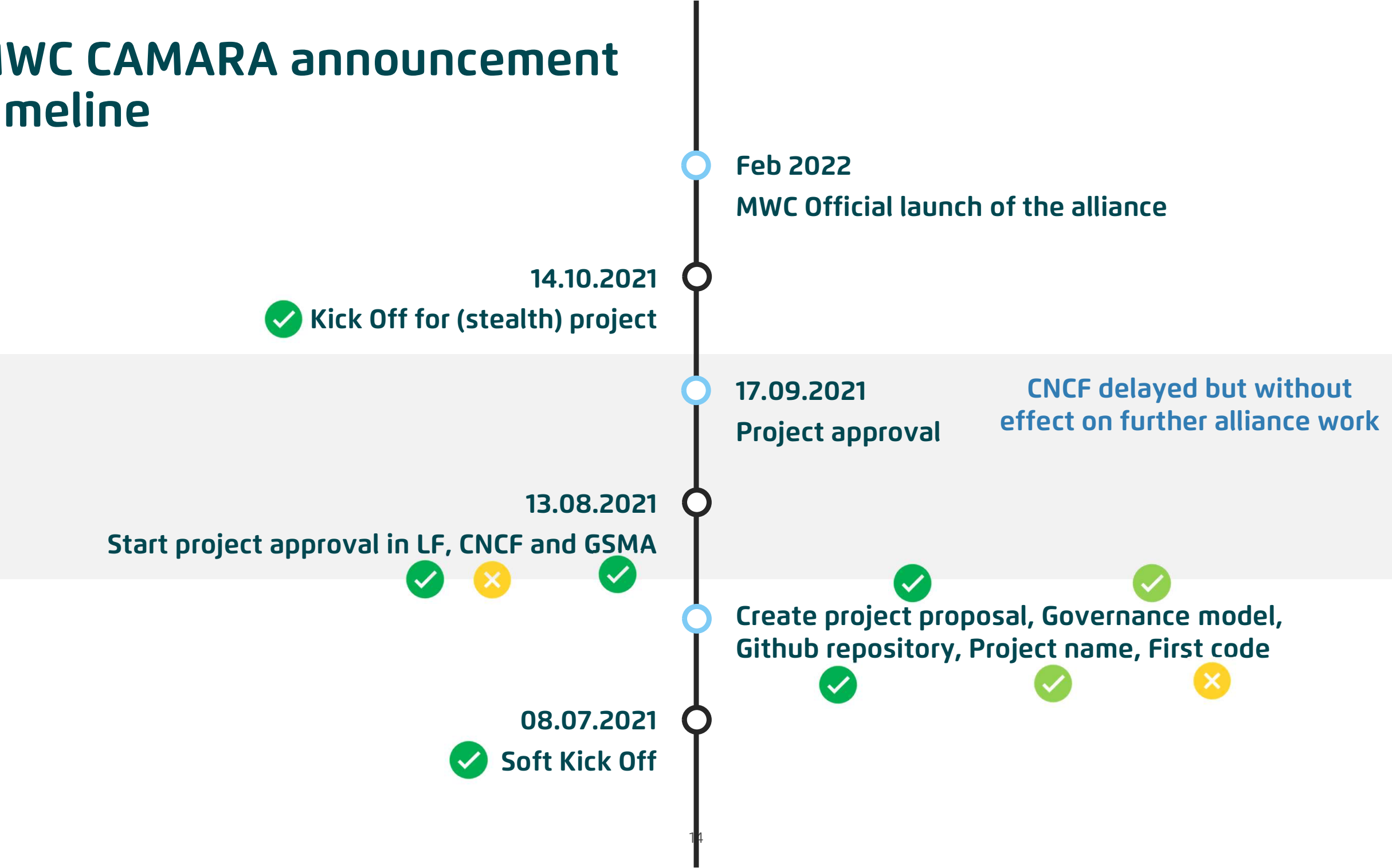
“This issue is to check if the team agrees on the architecture(s) to be used as a reference. The initial proposal is to use the (1) ITU-T Cloud Reference Architecture; and 2) TMF Network as a Service framework.

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.”

MWC CAMARA announcement

Timeline



MWC CAMARA announcement

Current ideas



28 February – 03 March 2022

- Implement new working group for MWC preparation → join working group here: https://github.com/camaraproject/rep_main/blob/main/WorkingGroups/MWC/MAINTAINERS.MD
- Current ideas (as starting point):
 - CAMARA Announcement on GSMA stage by GSMA
 - Target and Scope of CAMARA
 - Close collaboration with OPAG
 - Show logos of partners → Check if logo can be shown
 - C-level management representative of partners onsite / remote → Check who
 - Invitation to join
 - Coordinated PR for the partners

Decided

To Do...



CAMARA

The Telco Global API Alliance

A0B