



M-Ticketing Presentation - TEC

June 2020

Agenda

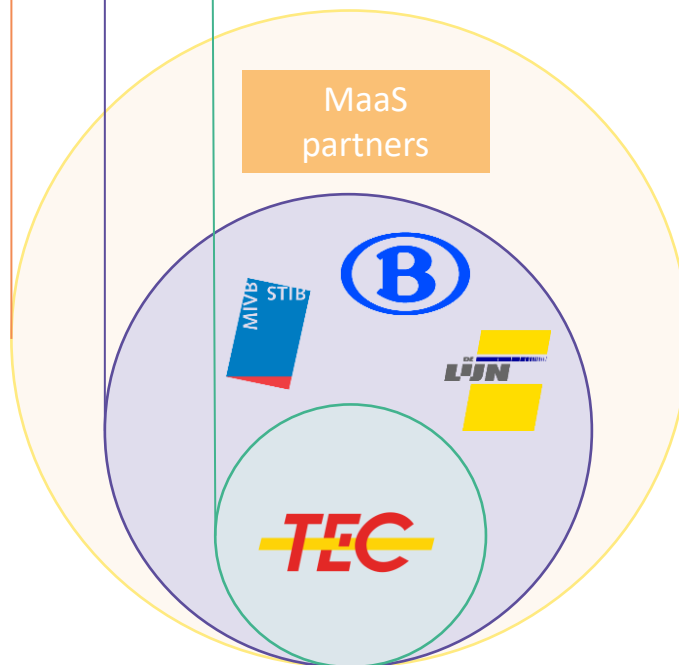
- I. Context and Objectives
- II. Presentation of the M-Ticketing Solution
- III. Planning and next steps

Mobility trends : sustainability, digital - MaaS, operational performance

3 At the level of public and private actors

2 On the scale of public transport

1 At the level of the TEC Group



TEC is developing a high-performance digital solution addressing customer expectations:

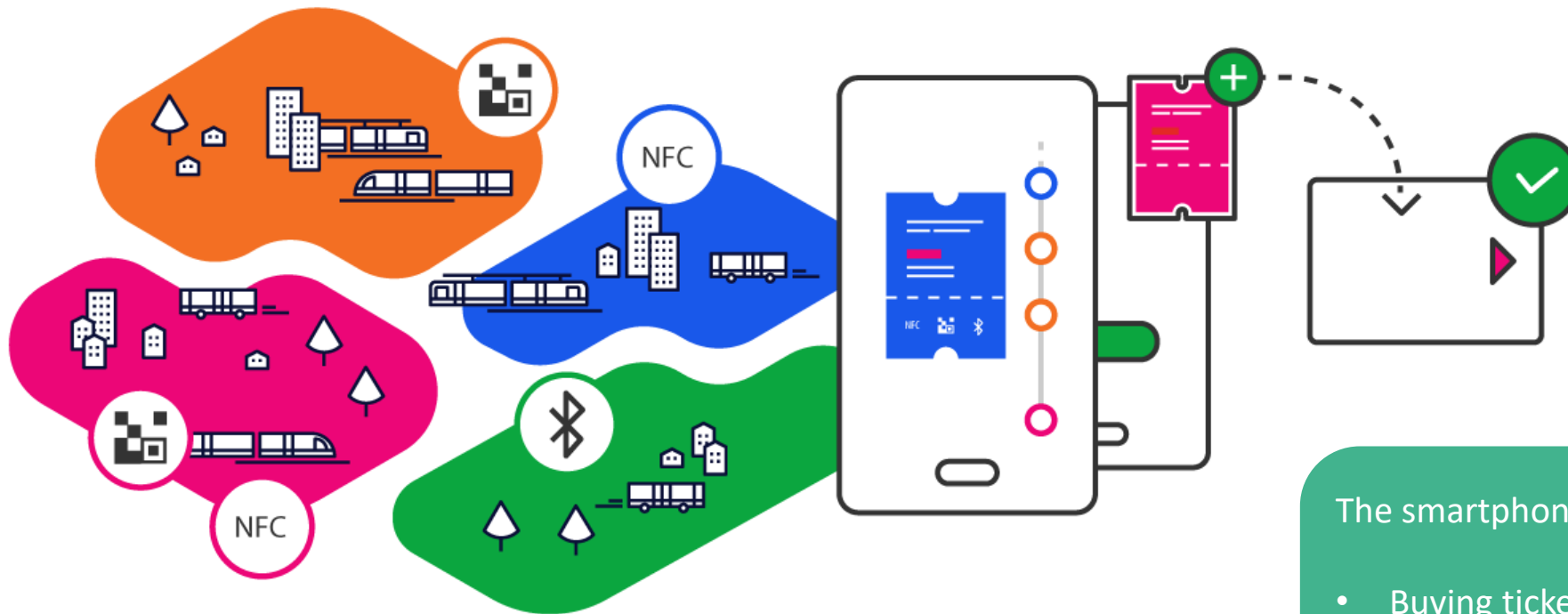
Sales and validation on smartphone, delivering also **interoperable products**.

The solution can enrich mobile application from **other PTO / mobility stakeholder with sales and validation**, and is **feeding compensation processes**.

The smartphone, the companion for sustainable mobility



Deliver a seamless experience whatever the journey

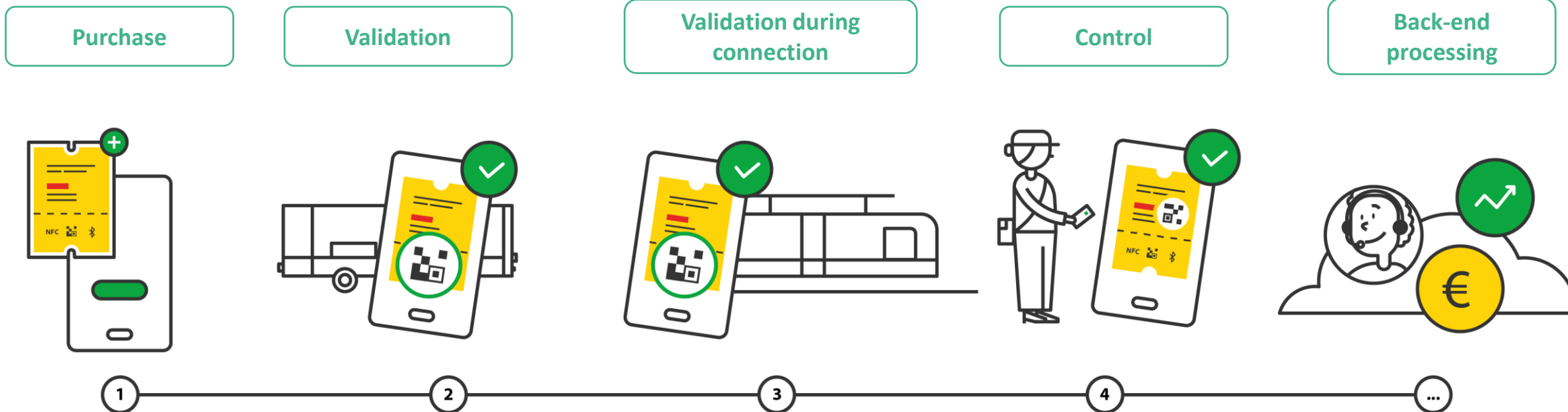


The smartphone versatility for :

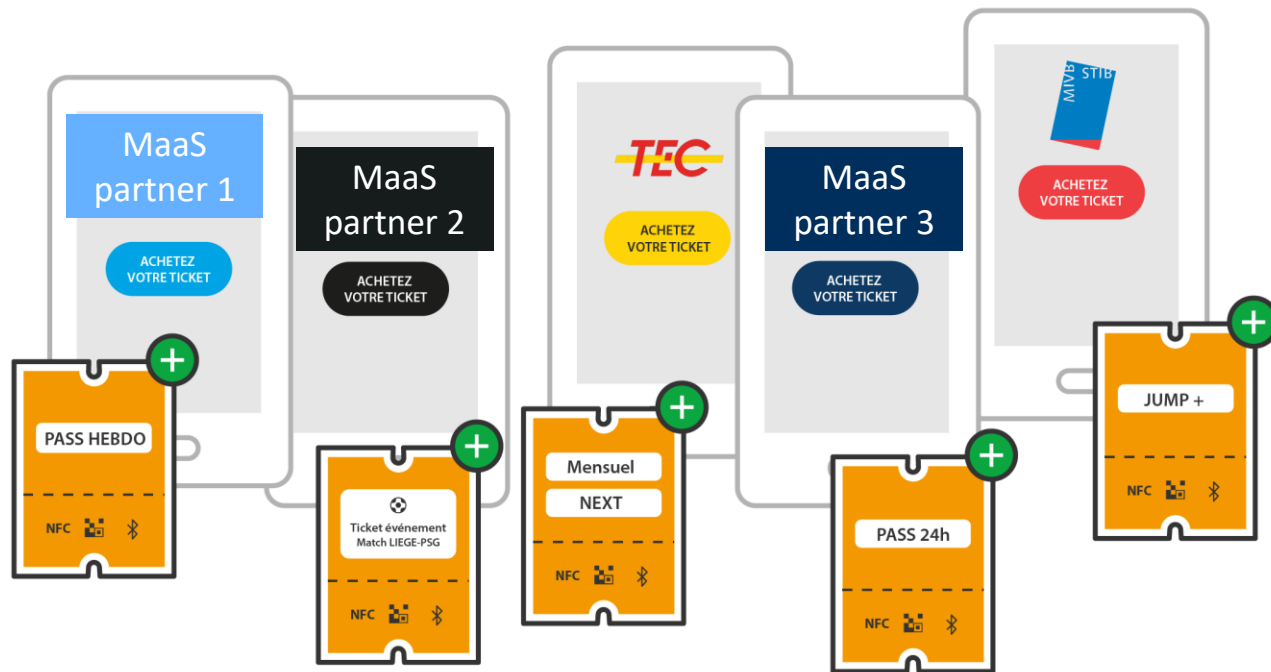
- Buying tickets, whenever/wherever needed
- Ensuring secured offline transaction
- Adapting to any existing technologies related to ticketing and access infrastructure

For any PTO: deliver a simple customer journey

Purchases and validates fare products.



Objective within public transport and MaaS: Enrich third-party applications with sales and validation...



Our solution makes it possible to integrate the sales and validation of all tickets in any application.

Examples:

- Sales of a set of product by a mobility integrator
- Sales of a set of product within the application of a third-party partner
- Sales of a PTO set of product within the application of another PTO such as STIB selling TEC products
- Sales of a PTO set of product within the TEC application

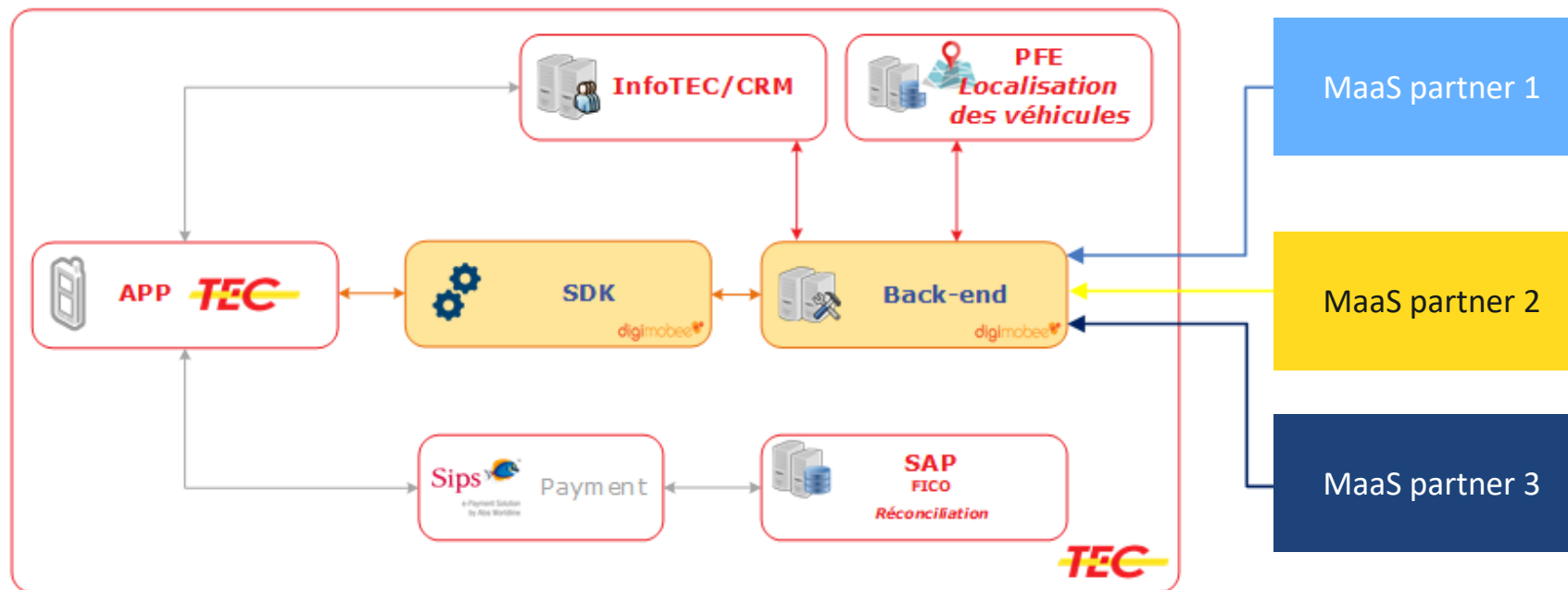
Make the most of media-centric AND account based...

Tickets are downloaded in the smartphone and continuously replicated in the back-end :

- The client can validate and be controlled even offline
- The tickets are rebuilt when the client change his smartphone
- The account based system allows pay-as-you-go.



Interface with to-be systems



The TEC M-ticketing back end can be interfaced with other MaaS actors.

The implementation of M- Ticketing is phased in two stages

Phase 1 - single and multi title without right

Release Date: February 2021

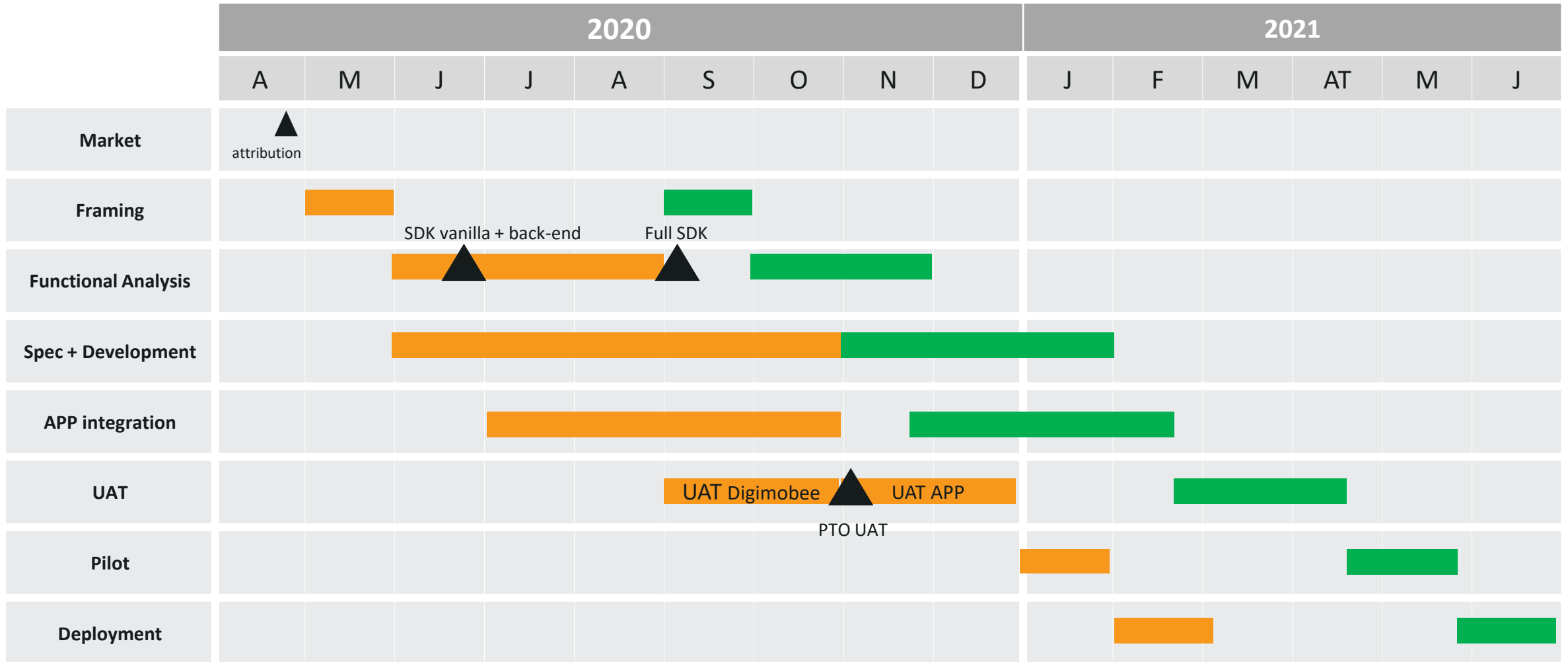
Functional block	Functionality
Customer account	<i>Simple</i> - Without status or rights (interface Infotec & CRM)
Tariff range	<i>Simple</i> - Access to single-trip tickets or travel diaries
Purchase	<i>Simple</i> - Sale of TEC securities
Validation	<i>Simple</i> - Only through Q RCode, interface with PFE
Control	<i>Simple</i> - Only through the control QRCode
After sales	<i>Simple</i> - Account blocking / unblocking
Finance	Financial clearing(TBD)

Phase 2 - subscription and rights

Release Date: June 2021

Functional block	Functionality
Customer account	<i>Enriched</i> - With statutes (rights management and third-party payment)
Tariff range	<i>Enriched</i> - Access to subscriptions, rights-related titles, free of charge, pollution peaks, off / peak hours, Jump +
Purchase	<i>Enriched</i> - Sale of securities for a third party and by a third party
Validation	<i>Enriched</i> - validation option via Bluetooth on a Beacon tag
Control	<i>Enriched</i> - Validation block during control
After sales	<i>Enriched</i> - Extended service functions (integrated with TEC tools)
Finance	Possibility of Pay-As-You-Go for billing (TBD)

Provisional Planning to be refined at the end of the functional analysis



Phase 1

Phase 2

Next steps for MaaS integration

Partnership Discussion and technical integration discussion
around September, October 2020