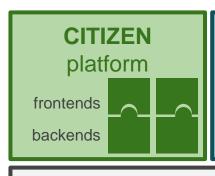


ACPaaS

a technical platform for accelerating the development of tailor-made applications

Sharing & Reuse Conference, March 29th 2017 Nicolas Uzelac, Digipolis Antwerp

Optimisation of the development of the 4 major platform applications (2015)





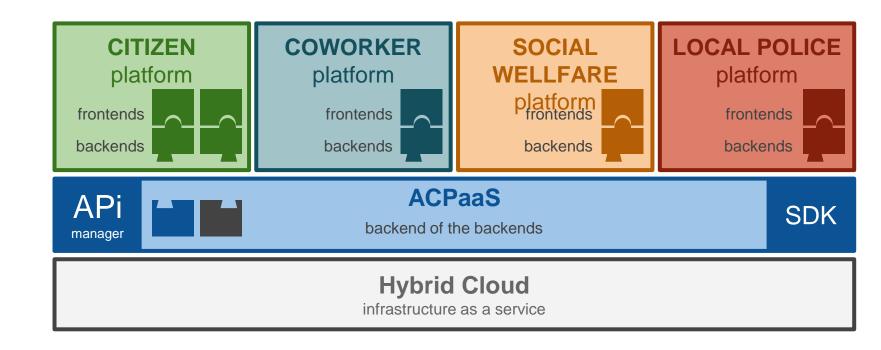




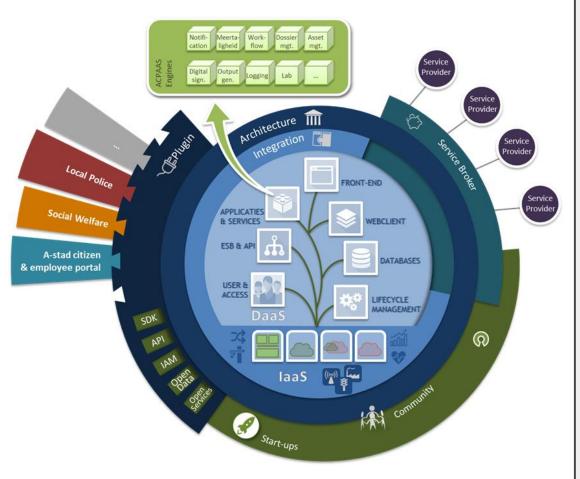
Hybrid Cloud

infrastructure as a service

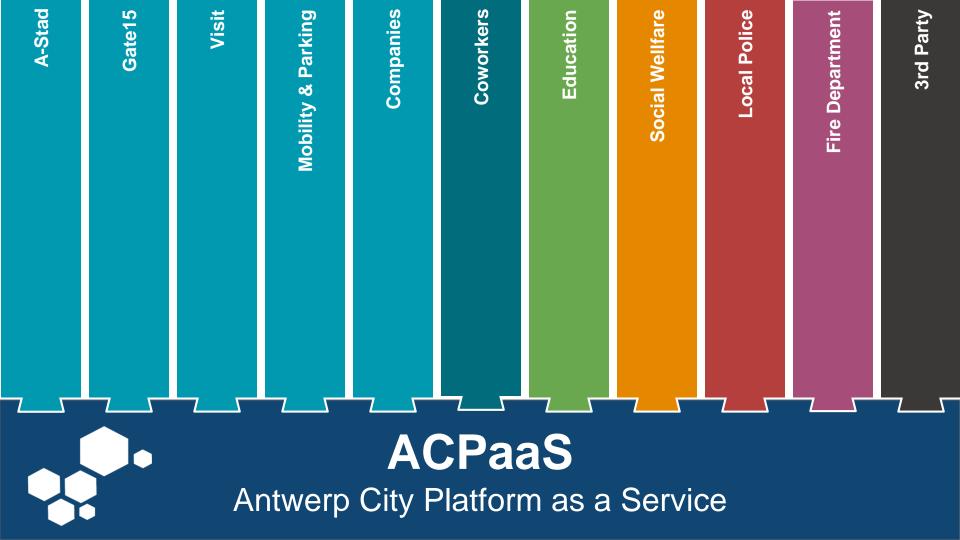
Antwerp City Platform as a Service (2016)

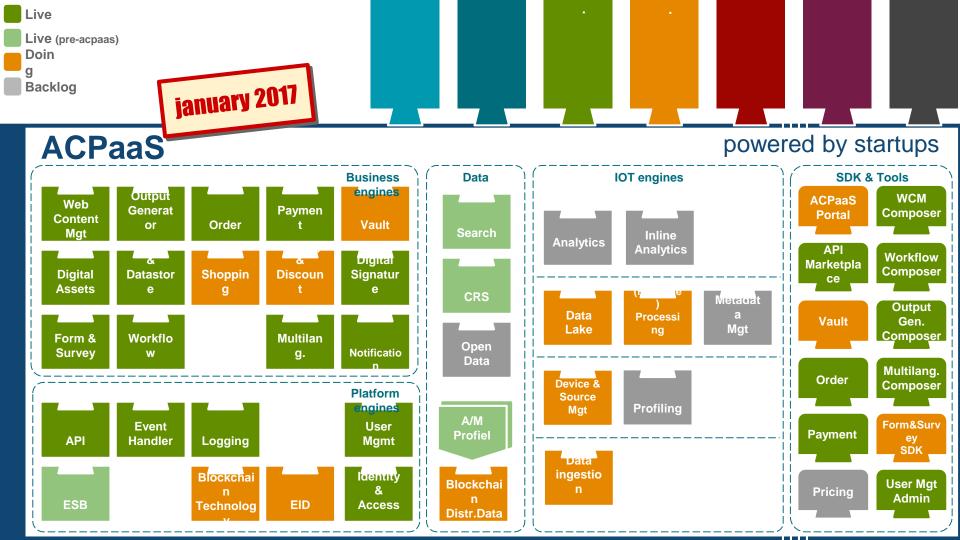


ACPaaS Design Principles



- ☐ Technical Platform for Applications
- ☐ Plug-in Architecture
- ☐ Open Services (RESTful API)
- ☐ Microservices-oriented
- **☐** Open Source First
- ☐ As a Service (brokerage role)
- ☐ Digipolis Antwerp Appl. Stack (DaaS)
- ☐ On top of a Hybrid Cloud (laaS)
- ☐ **E42** (engines-for-two)
- ☐ Community collaboration
- ☐ Startup-friendly



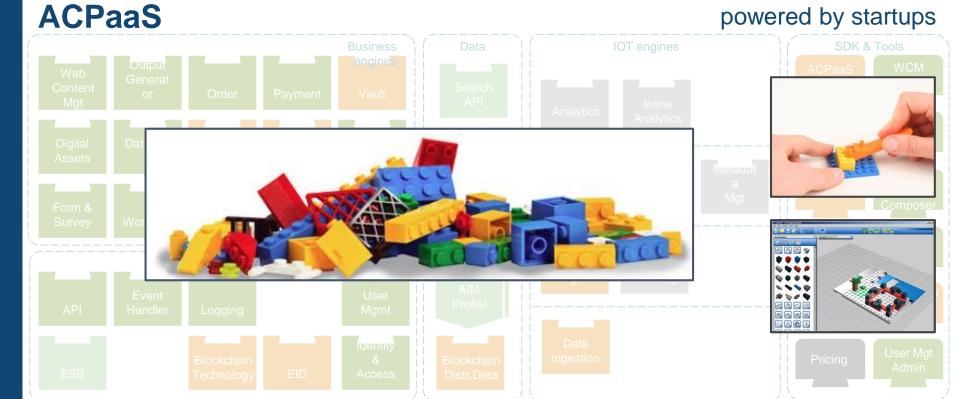


Building applications using ACPaaS engines







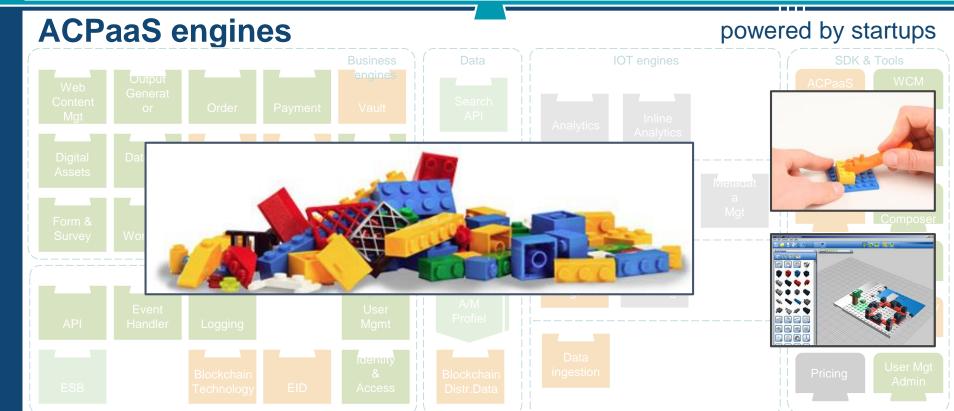


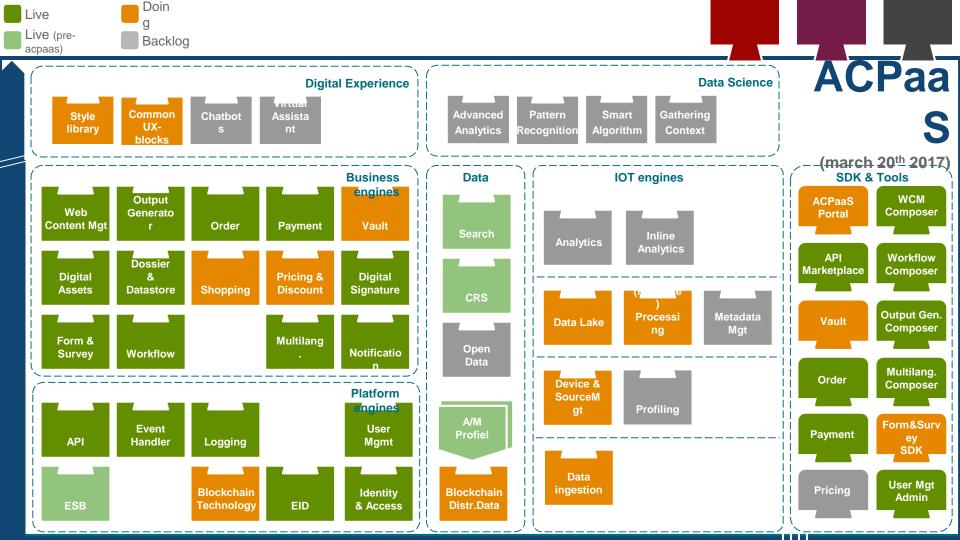
ACPaaS integrationcomponents













325STARTUPS

991

ENROLLMENTS

385

PITCHES

263

OFFERS



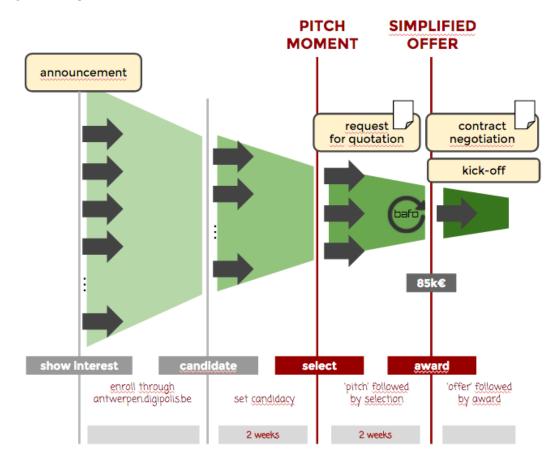


- 1. **Integration** of engines to replace 'legacy' applications
- 2. ACPaaS by default: new applications are built 'by default' on ACPaaS
- 3. ACPaaS-UI: build reusable frontend libraries
- 4. Identification and realisation of **new engines & consumers**
- 5. Intention to share ACPaaS with all Flemish cities

if time permits ...

Powered by Startups

inspired by Pre-Commercial Procurement



PREPARATION

ANNOUNCEMENT

☐ antwerpen.digipolis.be

SET CANDIDACY

- prepare pitch
- □ schedule slot (30min)

PITCH

select candidates

REQUEST FOR QUOTATION

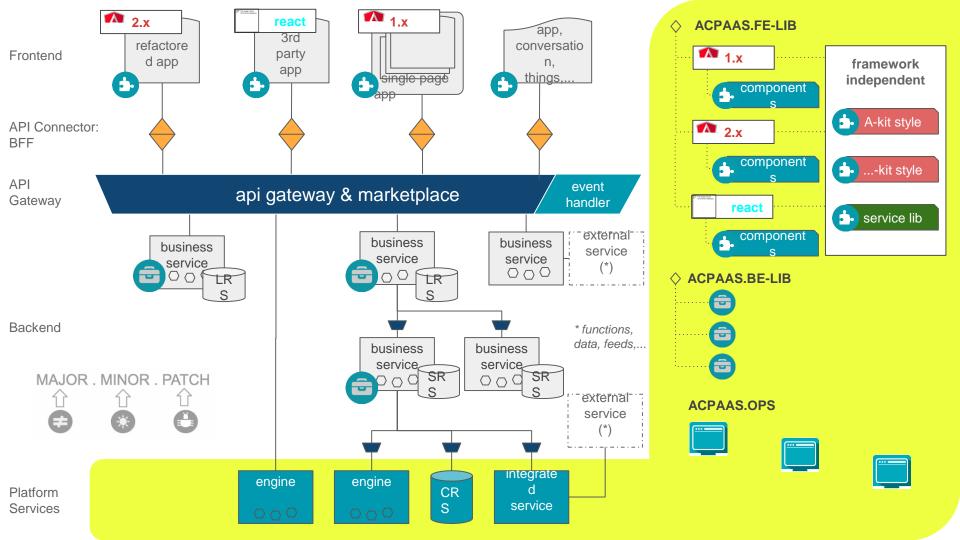
- publish lean RfQ
- ☐ prepare offer
- ☐ schedule slot (2h)

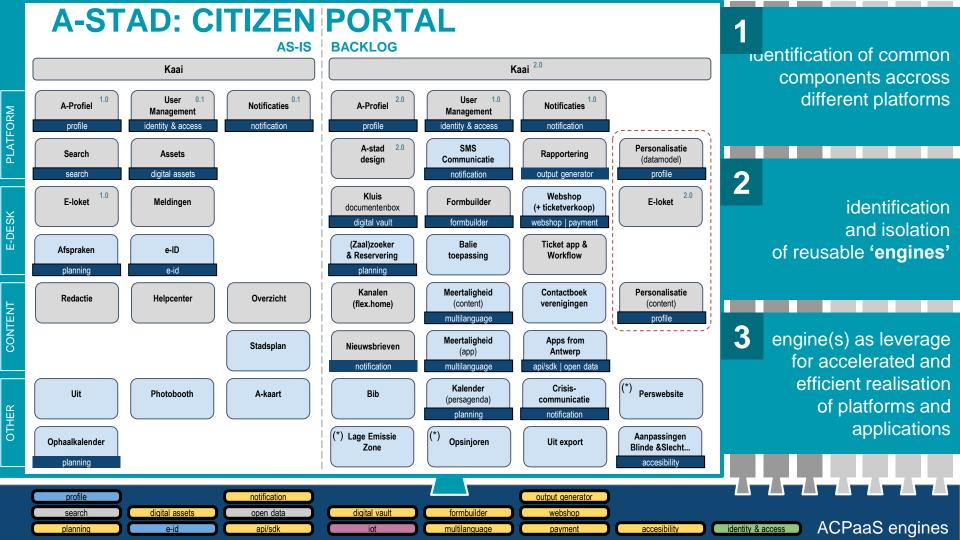
PRESENT OFFER

- □ present offer + evaluation
- BAFO(s) + evaluation

CONTRACTING

- □ contract negociation
- □ project kick-off







991
ENROLLMENTS

385 PITCHES 263
OFFERS

63
CONTRACTS

ACPaaS is Future Proof

- 1. Flexible IT development thanks to modularity of engines
- 2. Shared cost for the development and support of engines
- 3. Quicker realisation because of the reuse of existing components
- 4. Engines are easier, faster and cheaper to modify or replace
- 5. Much **faster** to adopt new and emerging technologies
- 6. **Innovation** by partnering with entrepreneurs

