



FEEDBACK[®]



Technical and legal challenges

Marina Dorokhova, EPFL

Sustainable Places Conference 2020

28th of October 2020

Back-end: ICT-based platform architecture

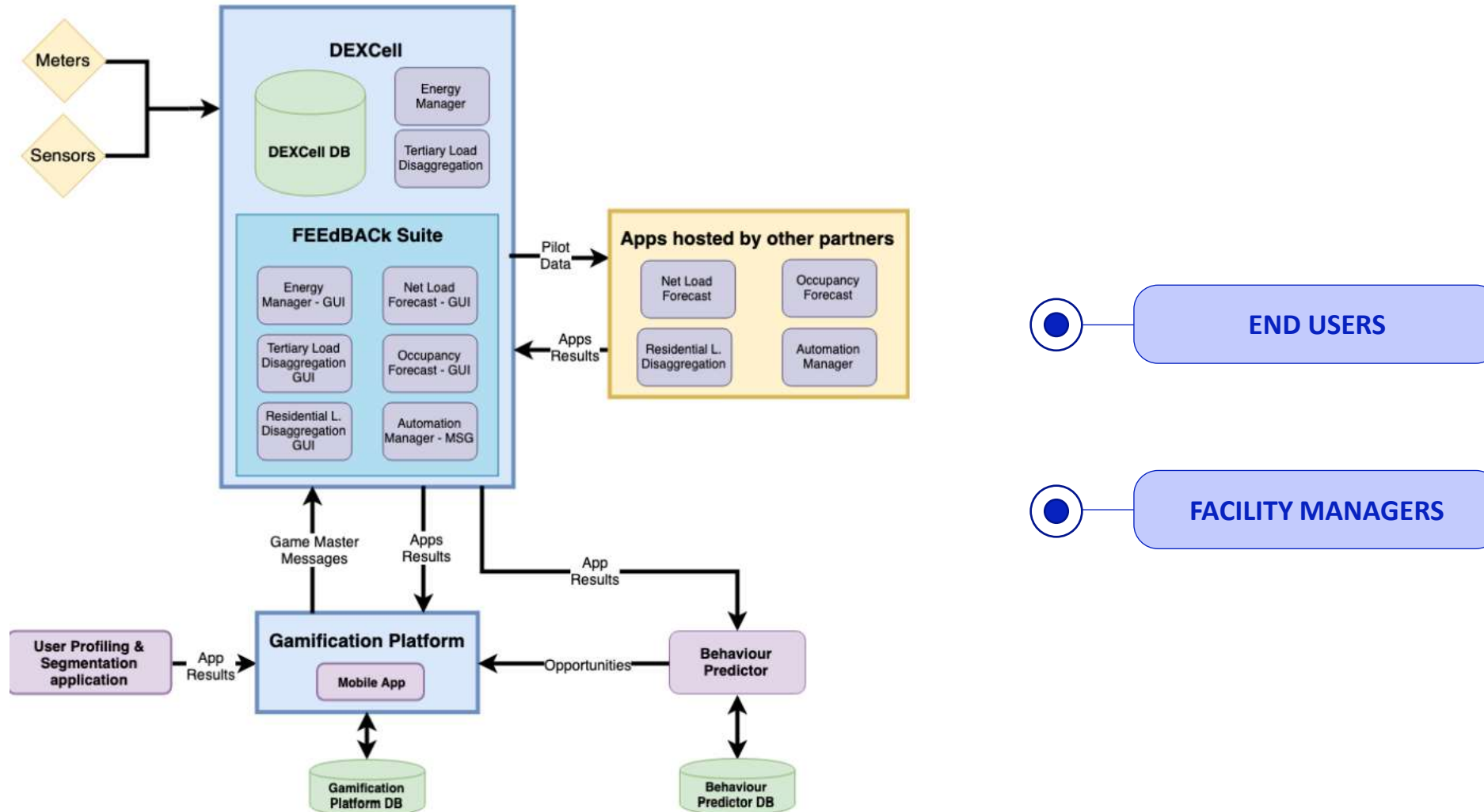
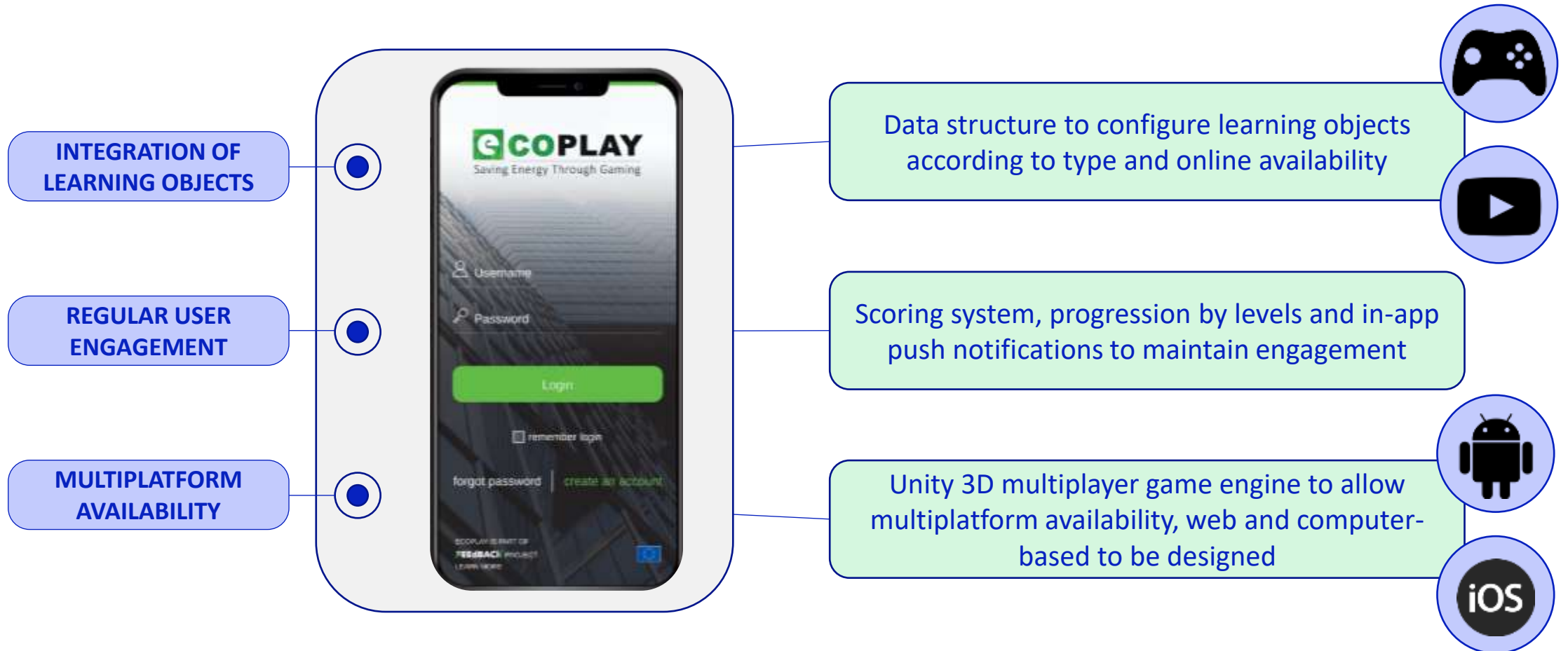


FIGURE 1: FEEdBACK APPLICATIONS INTERACTION DIAGRAM

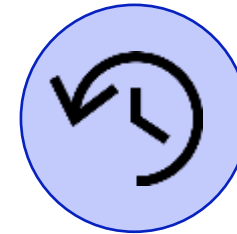
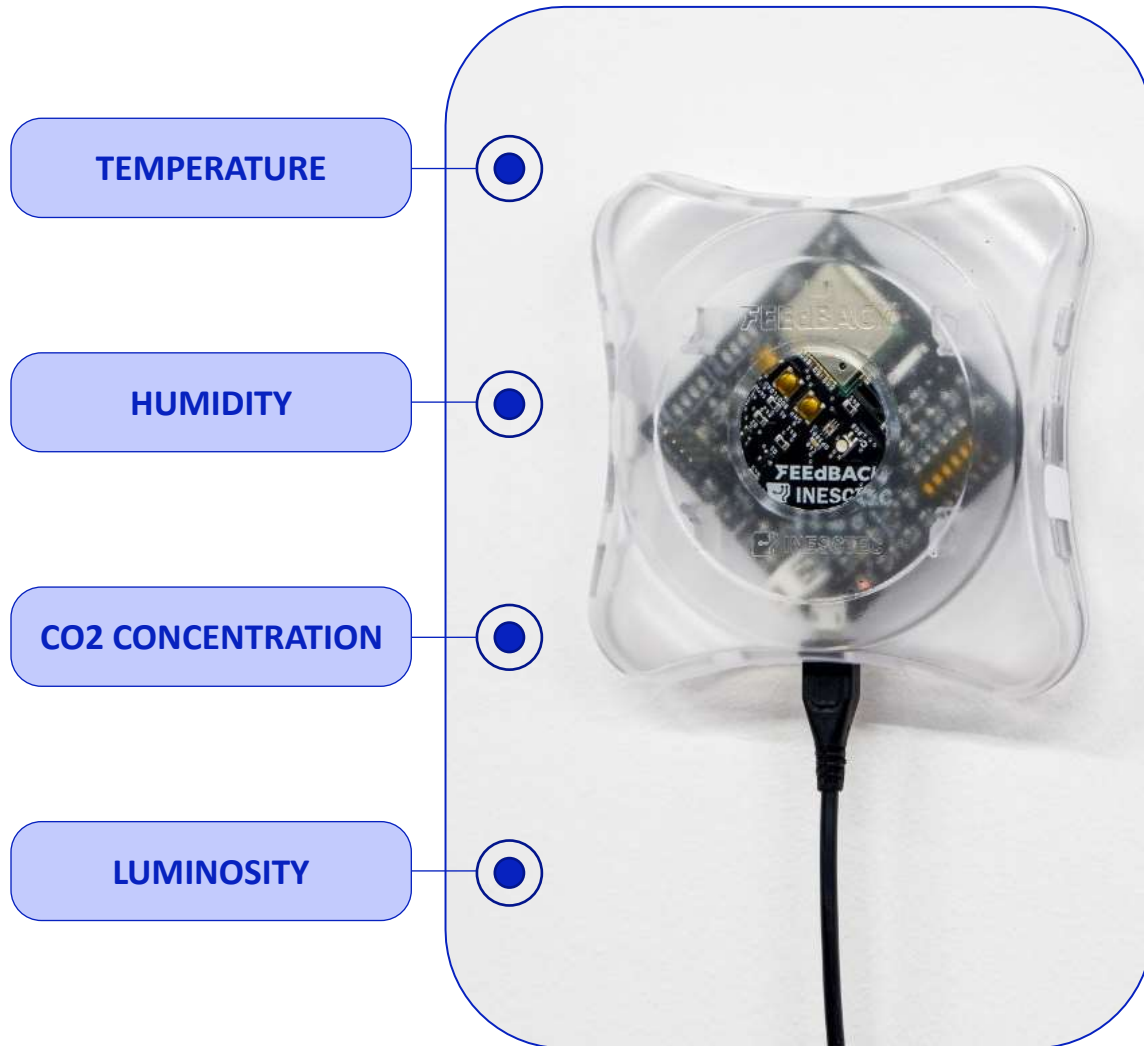
Behavior change through ICT



Gamification



Multi-sensor solution



REAL-TIME COMMUNICATION



COMPATIBILITY WITH EXISTING WI-FI

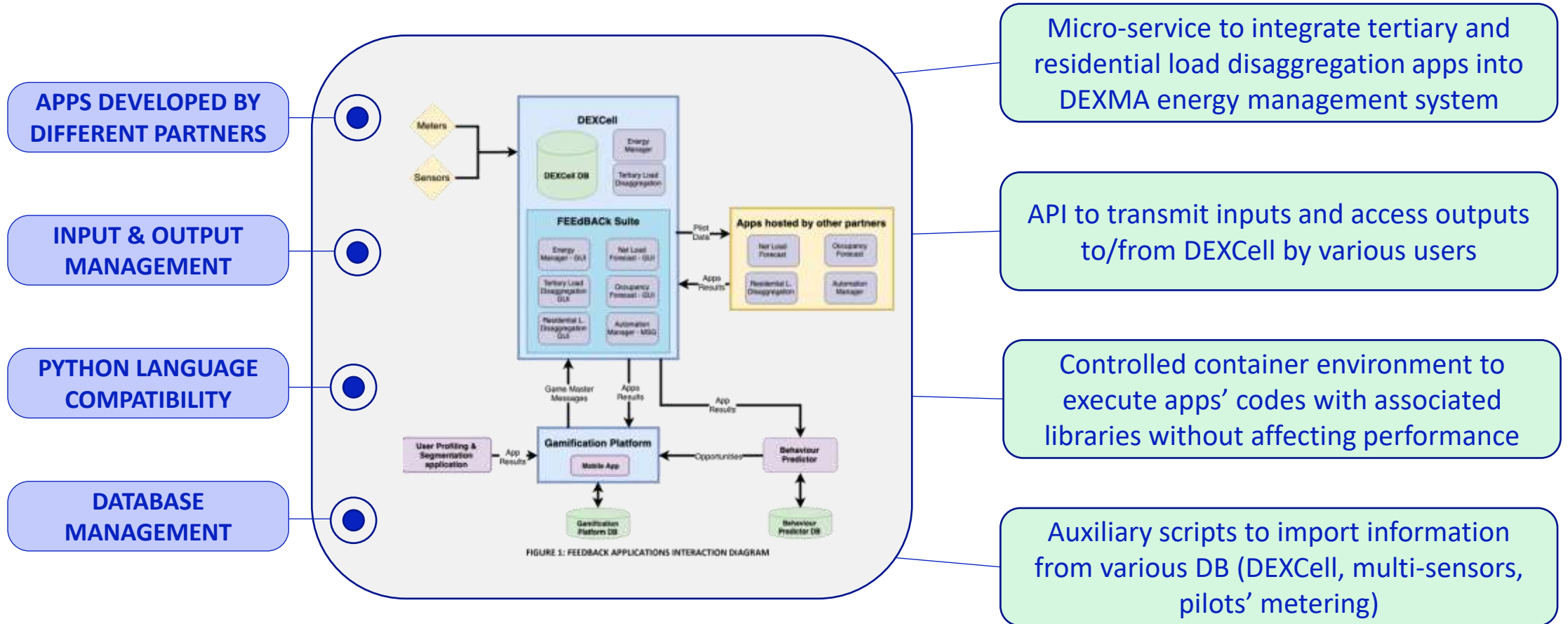


INFORMATION STORAGE CAPABILITY



LOW COST FOR LARGE INSTALLATION

Applications



Legal challenges



INFORMED CONSENT

- Information
- Comprehension
- Voluntariness

DATA MANAGEMENT

- Collection
- Protection (pseudonymization)
- Storage, retention, destruction

ETHICS ADVISOR

- Ethics advisors (per demo)
- EPFL human research ethics committee approval

THANK YOU



@FEEdBACkH2020
feedback-project.eu



IN-JET^{APS}

LIME
TOOLS



TU Delft



Lippe Zukunft



EPFL
ÉCOLE POLYTECHNIQUE
FÉDÉRALE DE LAUSANNE

INESCTEC



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 768935