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## Co-creation Platform

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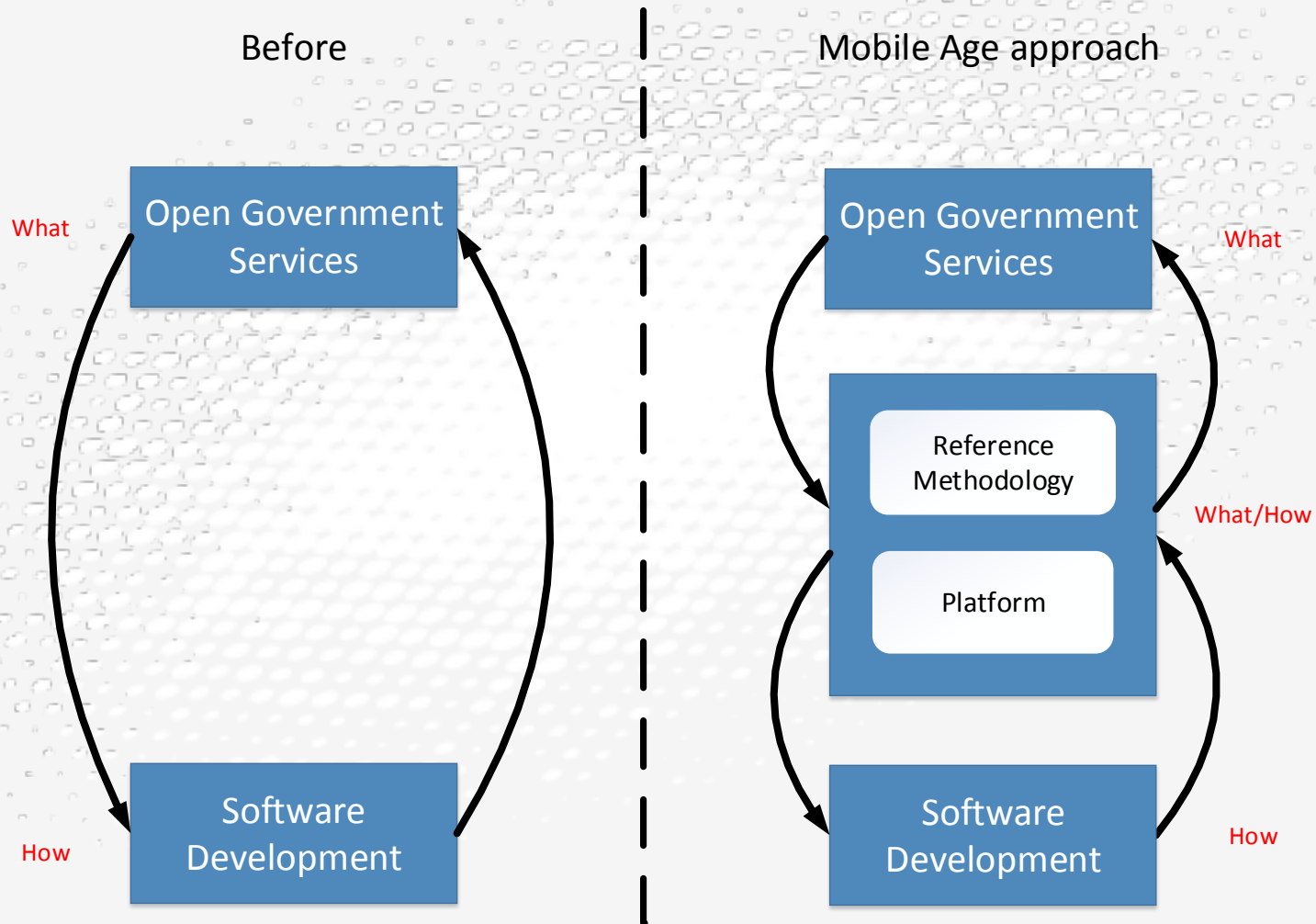
This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 693319

# The Co-creation platform

- Before: two fundamental *disjoint* outcomes of the project
  1. the co-creation Methodology and
  2. the software prototyping Platform
  - developed independently but gradually converge in the form of Services/ Mobile Applications for older citizens.
- Revised approach: consider *one* major outcome of the Project:
  - the co-creation Methodology which now includes and is based on the use of the Platform.



# The Co-creation platform – Paradigm

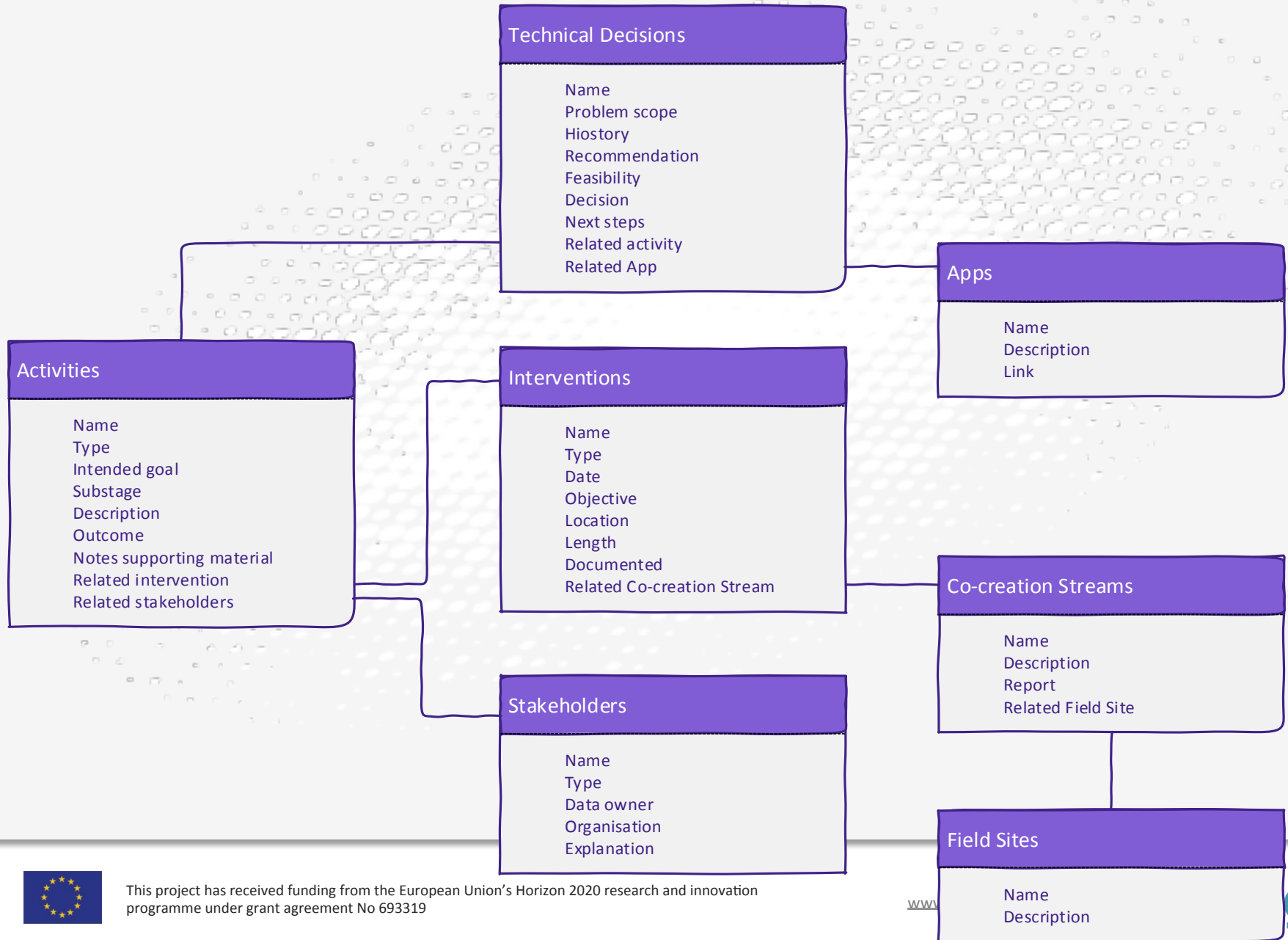


# Purpose

- A means for
  - storing,
  - monitoring and
  - analysing the co-creation activities (intervention logs, technical decision logs etc),
- collaborating, sharing and comparing across field-sites,
- a web version of the co-creation guidebook with links to all related electronic archives.



# Detailed Data Model



# Basic Requirements

- Flexible
  - To accommodate changes relatively easily
- Storage and web interface Architecture
- Security scheme
- Automated data input and validation



# Technical Approach

- Model-driven ASE
- RESTful endpoints
- Semi-automatic UI generation
  - Endpoints are exposed automatically
  - AngularJS – semanticUI
- UI beautification (**FTB**)



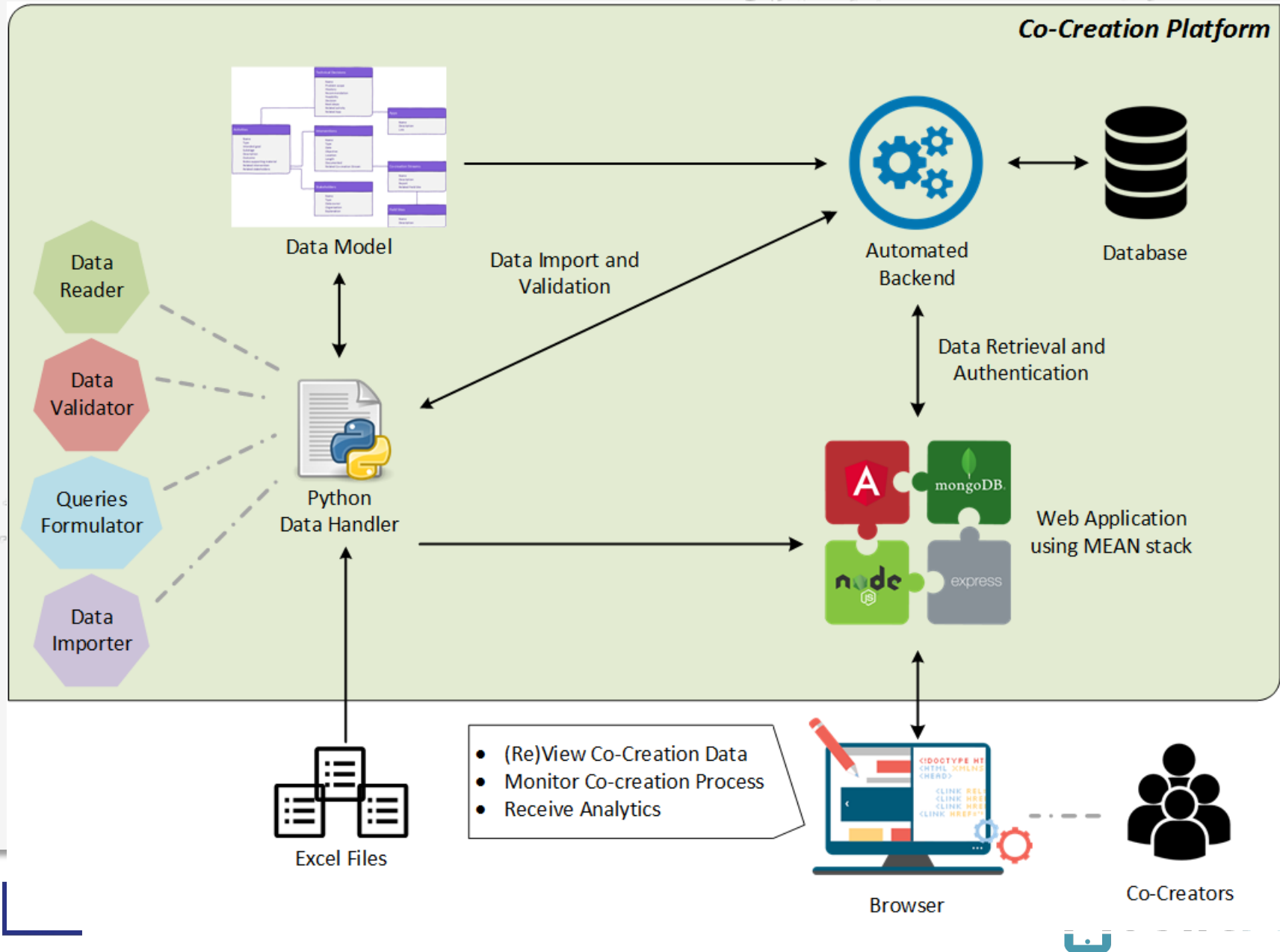
# Technical Approach

- RESTful
  - 3<sup>rd</sup> level of Richardson Maturity Model (HATEOAS)
- Automated code generation
- Automatic database schema creation
- Search
  - Database search functionality
- Ready to deploy back-end
- Authentication
  - Restrict access to selected resources
- Authorization
  - Attribute Based Access Control –
- External Web Services
  - Connect to 3<sup>rd</sup> party services and use their functionality
- Documentation
  - Javadoc & RAML





# Software Architecture



# Demonstration

<http://co-creation.mobile-age.eu:3000/>



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