THE FUTURE OF FOOD BANKS IN EUROPE

Quantifying the Impact of European Food Banks

From Farm to Fork

9 FEBRUARY / 2021

ONLINE MEETING

Final

Plenary Session

This project has received financial support from the European Union through the Grant Agreement SANTE/2019/E1/FEBA/SI2.823068.

The opinions expressed in this event do not necessarily reflect the official position of the European Commission

With the support of

1.1

Opening remarks

Jacques Vandenschrik, FEBA President

1.2

Workflow of the project, indicators and taxonomy

Laura Gavinelli
Management Consultant & Trainer

A project on digital transformation & data collection to support FEBA in expanding and strengthening its network in the EU

“Quantifying the Impact of European Food Banks. From Farm to Fork”

The main goal of the European Food Banks Federation consists in supporting the promotion of the recovery of surplus food for human consumption, in line with the priorities indicated in the “EU guidelines on food donation” and as a contribution for achieving the SDGs.

A crucial step for reaching this objective is to gain and share **common and reliable knowledge** about the activities managed by the FEBA’s network daily, and their **impact on food waste prevention and food poverty reduction**.

The project is based on two pillars

Indicators

- Why measure performance
- What to measure
- How to produce data and useful information
- For whom to measure

Data collection platform

- How to operationalize the indicators selected
- How to foster ICT-acceptance (usefulness, ease of use, modularity, data visualization)

The project has got 3 milestones

M1 Definition of common indicators, dataset structure and data collection strategies

M2 Development of the Observatory on Food Donation

M3 Promotion and dissemination of the Observ on food donation

Key role of Pilot Group in: sharing information and experience, providing indicators, testing the first release of the platform, suggesting improvement

Pilot Group:

- Belgium
- Greece
- Hungary
- Ireland
- Italy
- Norway
- Spain
- UK

Workshop & meetings March 2020 – February 2021

- **2 March: Kick-off meeting**
  Brussels – (all FEBA Members)
- March: **Discussion on areas of impact covered by KPIs**
  Madrid (Pilot group)
- April: **Communication: make data speak**
  Berlin (Pilot group)
- June: **Economic indicators**
  Dublin – Meeting (Pilot group)
- **15 July: Mid-term plenary session**
  Online Meeting (all FEBA Mem
- September: **Social indic**
  Vienna – Meeting (
- October: **Nu** **tors**
  Online meeting *group)*
- November: **Environmental indicators**
  Online meeting (Pilot group)
- **10-11 December: Final Meeting**
  Athens (all FEBA Members)

Before the covid-19 pandemic!

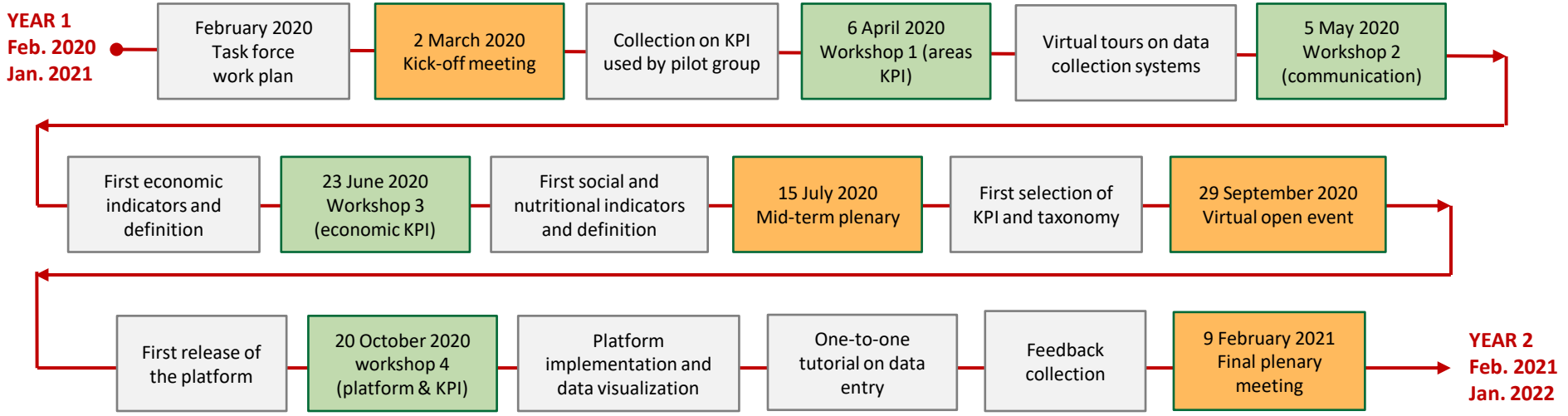
- **2 March 2020: Kick-off meeting**
  Brussels – (all FEBA Members)
- 6 April 2020: workshop on **Discussion on areas of impact covered by KPIs**
  online meeting (Pilot group)
- 5 May 2020: workshop on **Communication: make data speak**
  online meeting (Pilot group)
- 23 June 2020: workshop on **Economic indicators**
  online meeting (Pilot group)
- **15 July 2020: Mid-term plenary session**
  Online meeting (all FEBA Members)
- **29 September: Virtual event "Food no waste. FEBA concrete answers for people, for planet"**
  all FEBA Members & external participants on 6Connex platform (+ update and live chat on our project)
- 30 October: workshop on **Update on platform & indicators**
  online meeting (Pilot group)
- **9 February 2021: Final Meeting**
  Online meeting (all FEBA Members)

Workflow

Approach: progressive and participatory discussion, bottom-up + top-down approach, flexibility + vertical insights on indicators

Activity with Pilot Group: workshops, individual virtual tours and sessions, individual interviews, data collection

Backstage activity: action plan, task force meetings, collaboration with external experts, literature review and reporting, ICT infrastructure



M1

Definition of common KPIs, dataset structure and data collection strategies

State of the art: indicators already used by Food Banks

4 areas of impact: economic, social, nutritional, environmental

Country	Metric	Type of metric	Calculation	Data collection system

State of the art: indicators already used by Food Banks

83 metrics collected from the pilot group; transversal to the 4 areas (economic, social, nutritional, environmental)

	A	C	D	G	H	I
1	Country	Metric	Type of metric	Frequency	Calculation method declared	Data collection system declared
2	Belgium	Number of end beneficiaries (people in need)/food bank	qn	1/m		FOOD IT (some use MS Excel or Access)
3	Belgium	Number of end beneficiaries (people in need)/Belgium	qn	1/m		FOOD IT (some use MS Excel or Access)
4	Belgium	Tonnes of food collected/food bank	qn	1/m		FOOD IT (some use MS Excel or Access)
5	Belgium	Tonnes of food collected/Belgium	qn	1/m		FOOD IT (some use MS Excel or Access)
6	Belgium	Tonnes of food collected/food category	qn	1/m		FOOD IT (some use MS Excel or Access)
7	Belgium	Tonnes of food collected/food family	qn	1/m		FOOD IT (some use MS Excel or Access)
8	Belgium	Tonnes of food collected/industry	qn	1/m		FOOD IT (some use MS Excel or Access)
9	Belgium	Tonnes of food collected/retail	qn	1/m		FOOD IT (some use MS Excel or Access)
10	Belgium	Tonnes of food collected/FEAD	qn	1/m		FOOD IT (some use MS Excel or Access)
11	Belgium	Kilos of food distributed/per end beneficiary/food bank	qn	1/m	total kilos collected/total end beneficiaries	
12	Belgium	Number of pallets of food received from BFFB	qn	1/m		
13	Greece	Tonnes of food collected/industry	qn	1/y	in Kilos	special IT in Athens (80% of toal volume). Other FBs do it manually
14	Greece	Number of companies that donate food	qn	1/y		special IT in Athens (80% of toal volume). Other FBs do it manually
15	Greece	Tonnes of food from collections in supermarkets (distinct action)	qn	1/y		special IT in Athens (80% of toal volume). Other FBs do it manually
16	Greece	Number of end beneficiaries	qn	1/y		questionnaire to charities
17	Greece	Number of end beneficiaries < 18 years	qn	1/y		questionnaire to charities in Athens; they use % to estimate for the other FB
18	Greece	Number of end beneficiaries > 65 years	qn	1/y		questionnaire to charities in Athens; they use % to estimate for the other FB

indicators used by FBs | legenda | Uk measures | Must have ECONOMIC indicators | defi ...

Taxonomy & definitions: what are we talking about?

80 definitions; still ongoing process

	A	B	C	D
1	**Category**	**Word**	**Proposed definition**	**Source**
2	OBJECT	**Food**	Any substance or product, whether processed, partially processed or unprocessed, intended to be ingested by humans.	DEF FOOD REG 178/2002 https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32002R0178&from=IT
3	OBJECT	**Ambient food**	Food of a type that can be safely stored at roor	
4	OBJECT	**Chilled food**	Chilled food is food that is stored at refrigerati	
5	OBJECT	**Frozen food**	Frozen food is food that is stored at refrigeratic	
6	OBJECT	**Non-food**	Domestic cleaning products, hygienic products	
7	OBJECT	**Food losses**	Food that gets spilled, spoilt or otherwise lost, incurs reduction of quality and value during its in the food supply chain before it reaches the manufacturing stage or the market.	EN Environment https://www.unenvironment.org/thinkeatsave/about/definition-food-loss-and-waste
	OBJECT	**Food waste**	Food that has become waste at the various stages of the supply chain with no distinction between edible and inedible products.	Directive (EU) No 2018/851 <https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32018L0851&from=EN> Garrone P., Melacini M., Perego A., Feed the hungry – the potential of surplus food recovery, Politecnico di Milano, 2013

definitions | insights

continuous comparison with literature and experts

Year 1: outputs

February 2020 - January 2021

M1	Definition of common indicators, dataset structure and data collection strategies	94 indicators, 50 definitions, 2 out of 4 areas of impact covered (economic, social)
M2	Development of the Observatory on Food Donation	First release of platform, data entry on 2019 (test with pilot group)
M3	Promotion and dissemination of the Observatory on food donation	4 workshops with pilot group, 3 FEBA plenary events, 1 open event

Our «journey» continues…

February 2021 - January 2022

M1	Definition of common indicators, dataset structure and data collection strategies	More indicators and greater data granularity; nutritional, environmental areas of impact; improved definitions
M2	Development of the Observatory on Food Donation	Second release of platform; personalized dashboard; data entry by pilot group + other FBs on 2020; access to dataset
M3	Promotion and dissemination of the Observatory on food donation	Data visualization and first communication strategy

Looking for inspiration...

thanks to all participants!

The value added: our guest speakers…

	John McGrath	IBM «TechForGood» Team, Senior Solution Architect & Team Leader	The BlockBia project	Workshop 1 6-7 April 2020
	Vivienne Lawlor	FoodCloud, Communication Manager	Data for good: using our data to tell our story	Workshop 2 5 May 2020
	Emma Togni	TechSoup Italy, Marketing manager	Social media trends & tips	Workshop 2 5 May 2020
	Bruce Learner	Kellogg Europe, Senior Manager CSR & Partnerships	Food donations: a story half-told	Workshop 2 5 May 2020
	Giulia Bartezzaghi	Politecnico of Milan, Director of Food Sustainability Observatory	Surplus food management: donation's benefits and costs	Workshop 3 23 June 2020

… and external experts

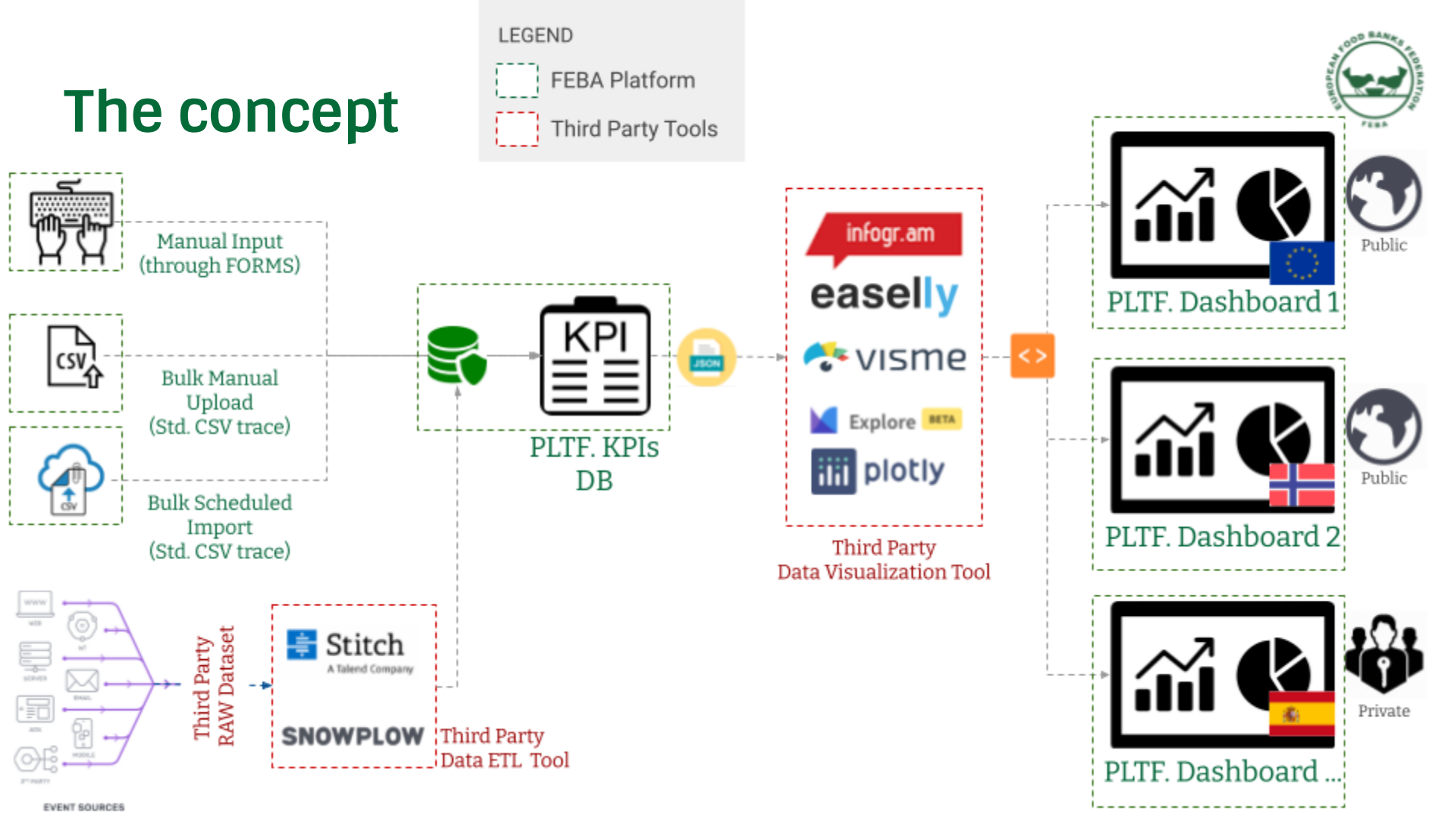
Agathe Ziegler	REWE Beteiligungs Holding GmbH, Group Project Leader Sales Administration, Penny International	Workshop 1 6-7 April 2020
Lucia Pasquadibisceglie	Avanzi. Sostenibilità per azioni, Consultant	Workshop 2 5 May 2020
Mantas Budraitis	PPMI Public Policy and Management Institute, Research Manager	Workshop 3 23 June 2020
Jan Behrens	European Commission, DG Employment, Social Affairs & Inclusion	Workshop 3 23 June 2020
Dora Szentpaly-Kleis	European Commission, DG Health & Food Safety	Workshop 4 15 July 2020

1.3

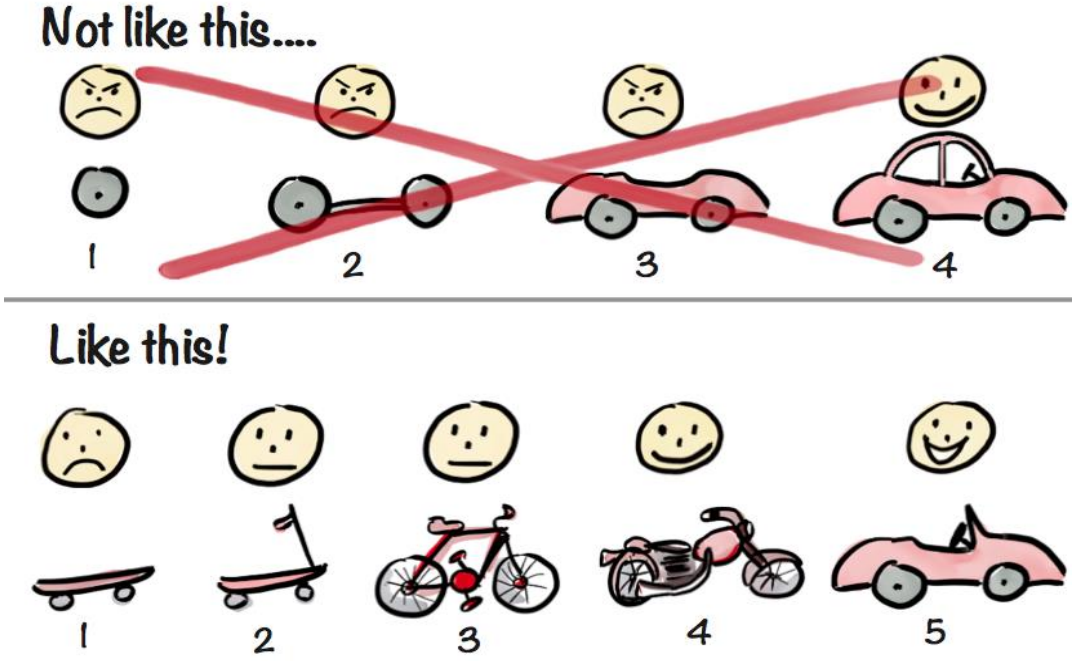
First release online Observatory Food Donation

Fabio Fraticelli & Chiara Grassi,
TechSoup Italy

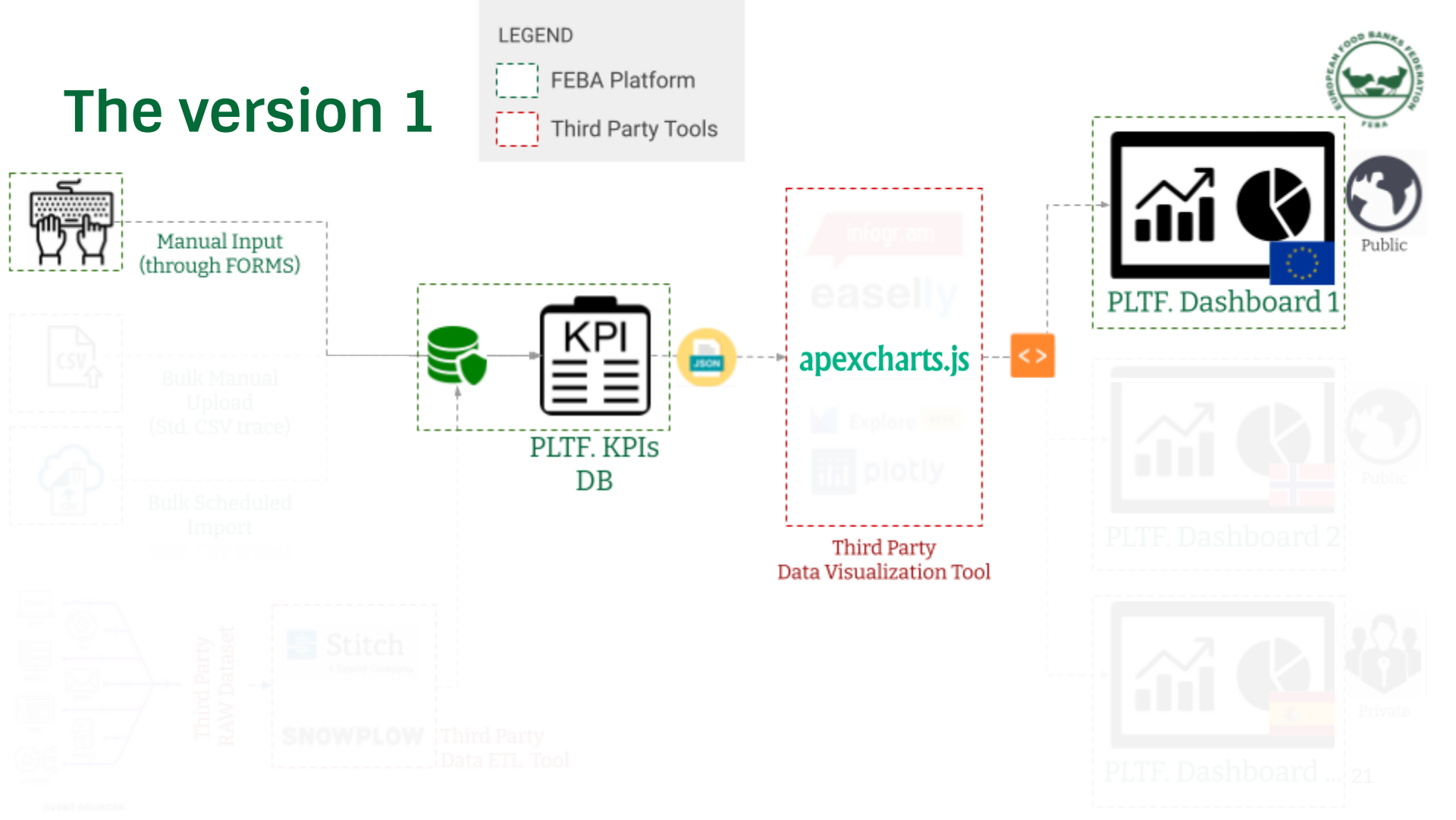
The concept


LEGEND
FEBA Platform
Third Party Tools
Manual Input
(through FORMS)
Bulk Manual
Upload
(Std. CSV trace)
Bulk Scheduled
Import
(Std. CSV trace)
KPI
PLTF. KPIs
DB
infogr.am
easelly
visme
Explore BETA
plotly
Third Party
Data Visualization Tool
PLTF. Dashboard 1
Public
PLTF. Dashboard 2
Public
PLTF. Dashboard ...
Private
Stitch
A Talend Company
SNOWPLOW
Third Party
Data ETL Tool
Third Party
RAW Dataset
EVENT SOURCES

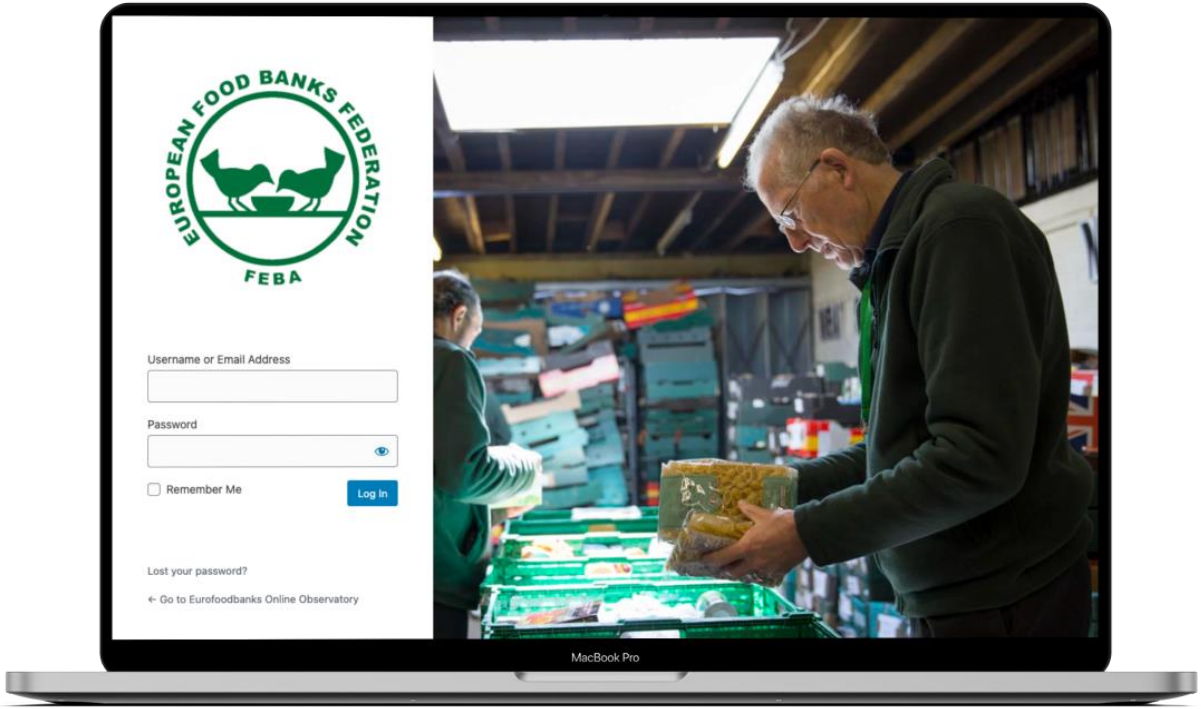
The approach



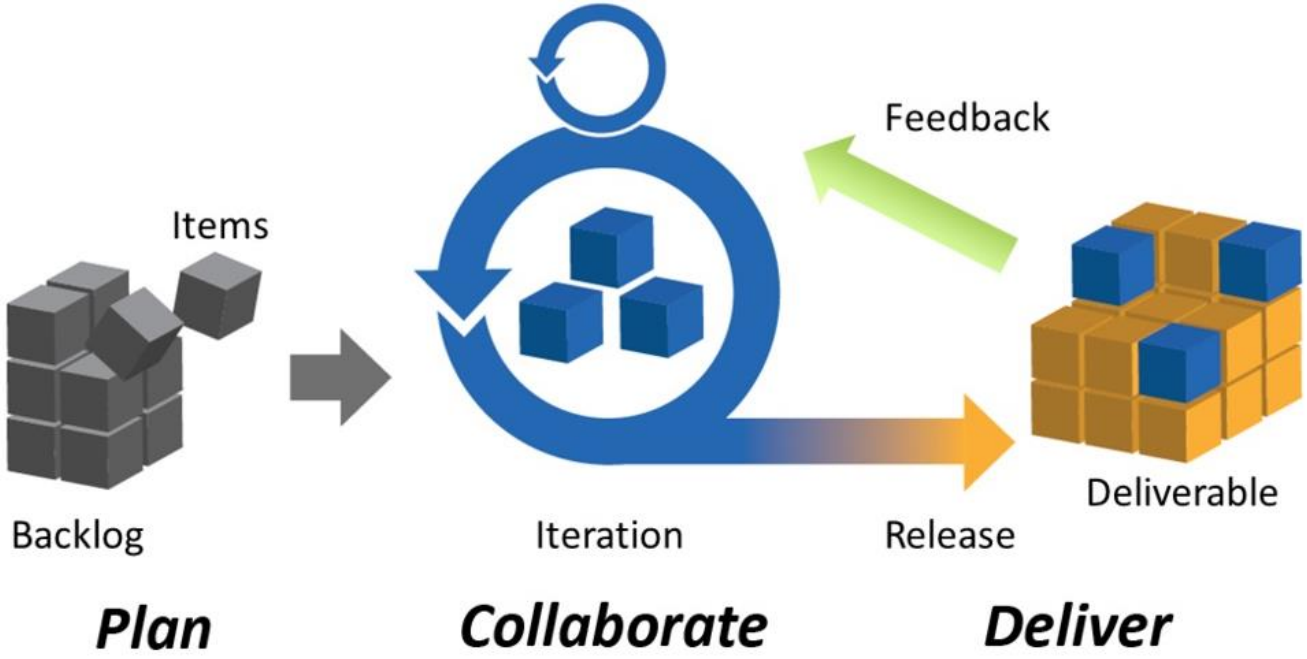
The version 1



Let's give it a try ;)



Feedback: fuel for next version(s)



What's coming? (ready for v.2)

- Excel Export, not only CSV
- Missing KPI (12.3 - Other Vehicles)
- In KPIs table, display u.m.
- Let Food Banks to fill a "note" field fore ach KPI
- Self-calculated fields (like "Total number of co-workers")
- Interactive maps with Food Banks, warehouses, etc.
- Dynamic tokens (using KPIs in paragraphs)
- Food type / source / destination matrix

1.4

Pilot Group contributions

Paula Capodistrias, Pedro Castaños, Lena Malkin, Dimitris Nentas, Vincenzo Palumbo, Giuseppe Parma, Etienne Rubens, Katalin Újhelyi , Emma Walsh

1. *For you and your organization, what are the lessons learned at the end of year 1 of the project?*

2. *For you and your organization, what are your expectations for the future of this project?*

1.5

Q&A

1.6

Conclusion & final remarks

Angela Frigo, Laura Gavinelli, Fabio Fraticelli & Chiara Grassi

Do you want to jump on board?

The campaign to collect 2020 data will start soon!

the journey continues...

www.eurofoodbank.org

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