

BIM for Building Hardware:

ARGE's Strategy

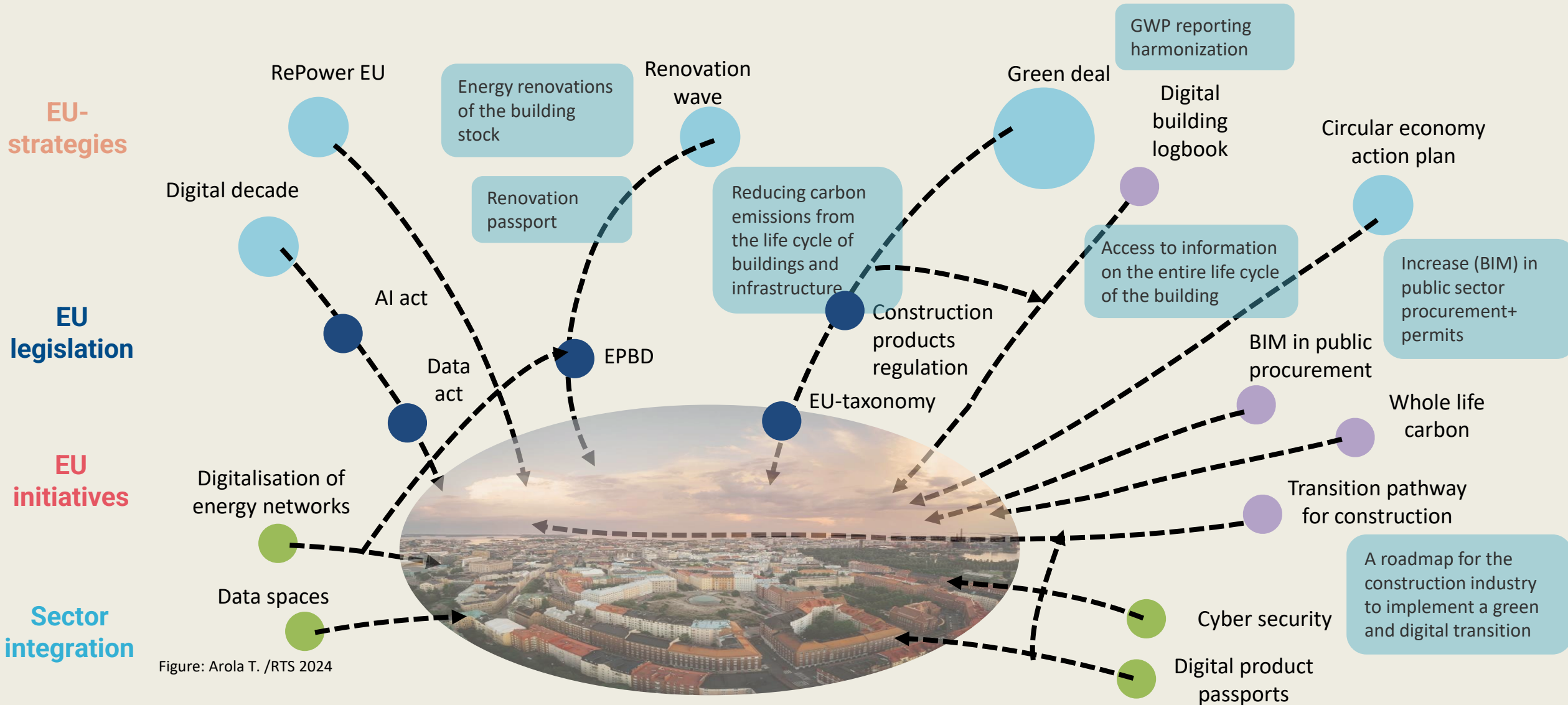
Olena Campos Gomes & Kai Oberste-Ufer

ARGE Conference 2025

Content

- ➔ ARGE WG *BIM* achievements
- ➔ What is still ahead of us
- ➔ Key take away ...

Built environment strategies, regulation and initiatives



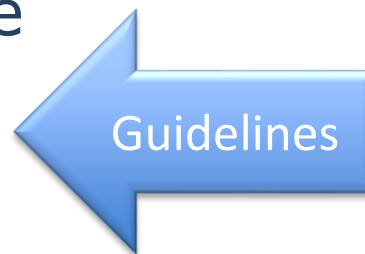
History



- The European Federation of Locks & Building Hardware Manufacturers

- Working Group Digitalisation

- TG BIM



- CEN/TC 33 - Doors, windows, shutters and building hardware

- CEN/TC 33/WG 4 - Building hardware

- CEN/TC 33/WG 4/TG18 - BIM

Hardware Dictionary – ARGE Contribution

- 35 ARGE Experts
- CETIM BIM Experts (FR)
- 11 Product Task Groups
 - Scope
 - Properties definition & description



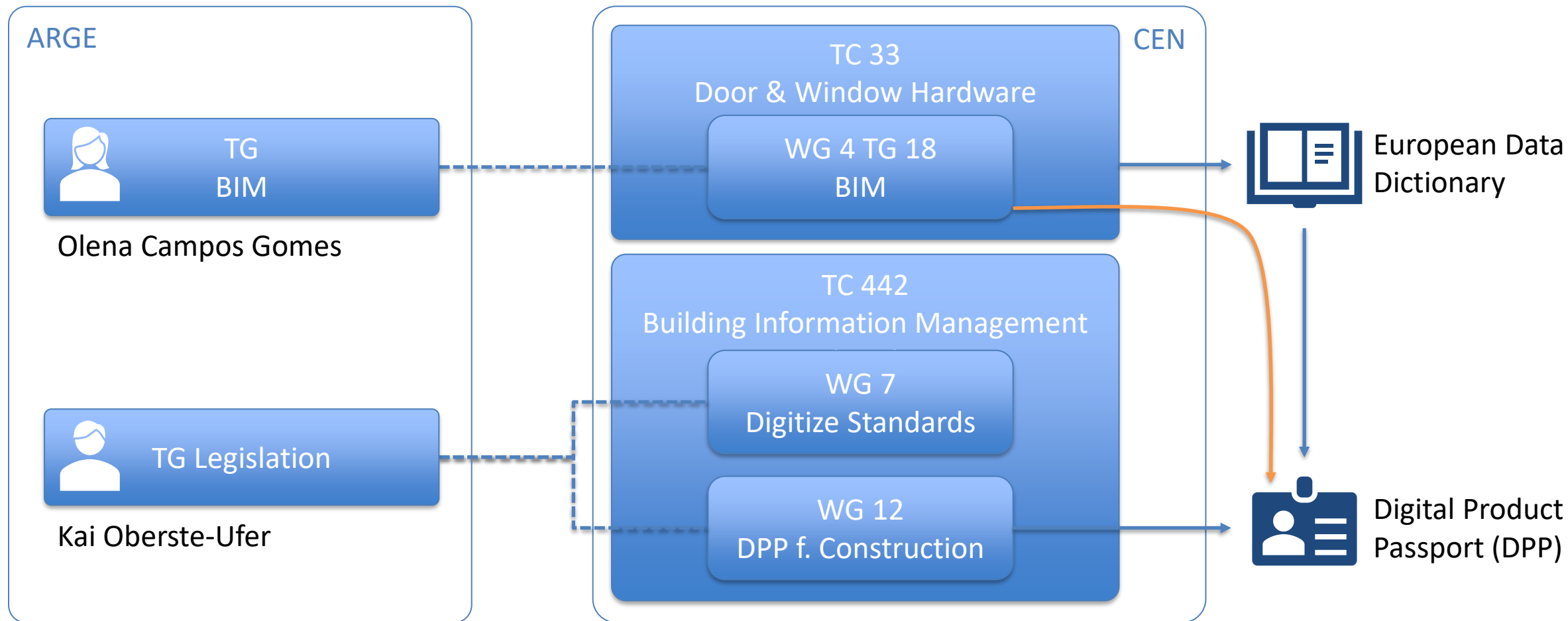
Deliverable

Category of group of properties		Names in language N																	
GA022		GA016																	
ID	GA022	PA021	PA016	PA017	PA018	PA019	PA023	PA02											
		Group(s) of properties	Names	Definition of the property	Description of the property	Example	Visual representation	Physical quantity											
	generic en-EN	manufacturer's information and product data en-EN	manufacturer's name en-EN		indicates the official name of the company, as registered by local authorities en-EN														
	generic en-EN	manufacturer's information and product data en-EN	manufacturer's address en-EN	European parliament and of the council of	indicates the postal address of a natural or juridical person in charge of designing, manufacturing and labelling a product in order to "place it														
	generic en-EN	manufacturer's information and product data en-EN	manufacturer website en-EN		link (URL) to the landing page of the manufacturer's website en-EN														
	generic en-EN	manufacturer's information and product data en-EN	manufacturer's ISO 9001 certification - quality man	EN ISO 9001:2015 en-EN	indicates that the manufacturer has obtained a certification regarding the q	(yes en-EN)													
	generic en-EN	manufacturer's information and product data en-EN	manufacturer's ISO 14001 certification - environme	EN ISO 14001:2015 en-EN	indicates that the manufacturer has obtained a certification regarding the e	(yes en-EN)													
	generic en-EN	manufacturer's information and product data en-EN	manufacturer's ISO 27001 certification - informatio	EN ISO IEC 27001 en-EN	indicates that the manufacturer has obtained a certification regarding the in	(yes en-EN)													
	generic en-EN	manufacturer's information and product data en-EN	manufacturer's ISO 50001 certification - energy m	EN ISO 50001:2018 en-EN	indicates that the manufacturer has obtained a certification regarding the e	(yes en-EN)													
	generic en-EN	manufacturer's information and product data en-EN	manufacturer's certification under ISO 45001 en-E	EN ISO 45001:2018 en-EN	indicates that the manufacturer has obtained a certification regarding the o	(yes en-EN)													
	generic en-EN	manufacturer's information and product data en-EN	other certification or voluntary processes en-EN		indicates that other certifications have been obtained or that other voluntary approaches have been undertaken en-EN														
	generic en-EN	manufacturer's information and product data en-EN	other manufacturer's information en-EN		indicates that additional information has been added by the manufacturer en-EN														
	generic en-EN	manufacturer's information and product data en-EN	other data of the manufacturer en-EN		indicates an addendum by the manufacturer for missing data in this dictionary en-EN														
	generic en-EN	manufacturer's information and product data en-EN	manufacturer's email address en-EN		indicates the email adress (URL) of the manufacturer en-EN														
	generic en-EN	manufacturer's information and product data en-EN	product name en-EN	Trademark registration with the INPI orga	indicates the trade name enabling the identification of the product en-EN														
	generic en-EN	manufacturer's information and product data en-EN	product data sheet en-EN		indicates the link (URL) to the documentation providing information about this specific product en-EN														
	generic en-EN	manufacturer's information and product data en-EN	product description en-EN		indicates the paragraph detailing the general characteristics of the product en-EN														
	generic en-EN	manufacturer's information and product data en-EN	product reference en-EN		indicates the unique alphanumerical product reference assigned by the manufacturer, enabling the identification of the product en-EN														
	generic en-EN	manufacturer's information and product data en-EN	date of manufacture en-EN		indicates the date when the product was manufactured en-EN														
	generic en-EN	manufacturer's information and product data en-EN	product batch number en-EN		indicates the number of the production batch en-EN														
	generic en-EN	manufacturer's information and product data en-EN	REACH compliance en-EN	REACH Directive	indicates the compliance with REACH Directive regarding the mandatory information to the market en-EN														
	generic en-EN	manufacturer's information and product data en-EN	SCIP UID en-EN	Waste Framework Directive	indicates the SCIP unique identifier en-EN														
	generic en-EN	manufacturer's information and product data en-EN	RoHs compliance en-EN	RoHs EU Regulation	indicates the compliance with RoHs EU Regulation en-EN	(yes en-EN)													
	generic en-EN	manufacturer's information and product data en-EN	UID of Digital Product Passport en-EN	Digital Product Passport	indicates the DPP unique identifier en-EN														
	generic en-EN	manufacturer's information and product data en-EN	warranty period en-EN		indicates the warranty period as defined by the manufacturer in months en-EN														
	generic en-EN	manufacturer's information and product data en-EN	maintenance interval / maintenance period (in months) en-EN		indicates the maintenance interval for proper functioning of the product en-EN														
	generic en-EN	manufacturer's information and product data en-EN	customs tariff number en-EN	EU Regulation (EC) 2913/92	indicates the customs tariff number en-EN														
	generic en-EN	manufacturer's information and product data en-EN	ECCN (Export Control Classification Number) en-EN		indicates the Export Control Classification Number en-EN														
	generic en-EN	manufacturer's information and product data en-EN	product weight (net) en-EN		indicates the product weight en-EN	5		mass											
	generic en-EN	manufacturer's information and product data en-EN	country of origin en-EN		indicates the country of origin (countries ISO) en-EN														
	generic en-EN	manufacturer's information and product data en-EN	product article number en-EN		indicates the product article number (number on the invoice) en-EN														
	generic en-EN	manufacturer's information and product data en-EN	GTIN / EAN Code en-EN		indicates the GTIN / EAN Code en-EN														
	generic en-EN	manufacturer's information and product data en-EN	spare parts availability	manufacturer database en-EN	indicates the availability of spare parts in years en-EN	10													

Next Steps

- Work Item – Official request on CEN level (our work becomes CEN Technical Specification, potentially CEN EN standard in future)
- Further Work on Properties
- Further aligning with the development of DPP

EU Legislation for BIM & DPP



Take away from this presentation ...

- ➔ Thanks to ARGE engagement the European data dictionary is already under construction & we are among the first
- ➔ ARGE follows other European initiatives around connected European construction market



Thank you!

Any questions and/or comments?