

CoC certification and construction companies



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STTC Conference - Rotterdam, 23 june 2016

Key figures Royal BAM group 2015

	Revenue 2015	€ 7.4 billion
	Adjusted result before tax	€ 88.8 million
	Orderbook at year-end 2015	€ 11.5 billion
	Employees (average)	21,916
	Operating companies	10
	Countries	40 worldwide; five European homemarkets
	Shares	270 million

Container terminal Moin, Costa Rica



Hospital Erasmus MC, Rotterdam



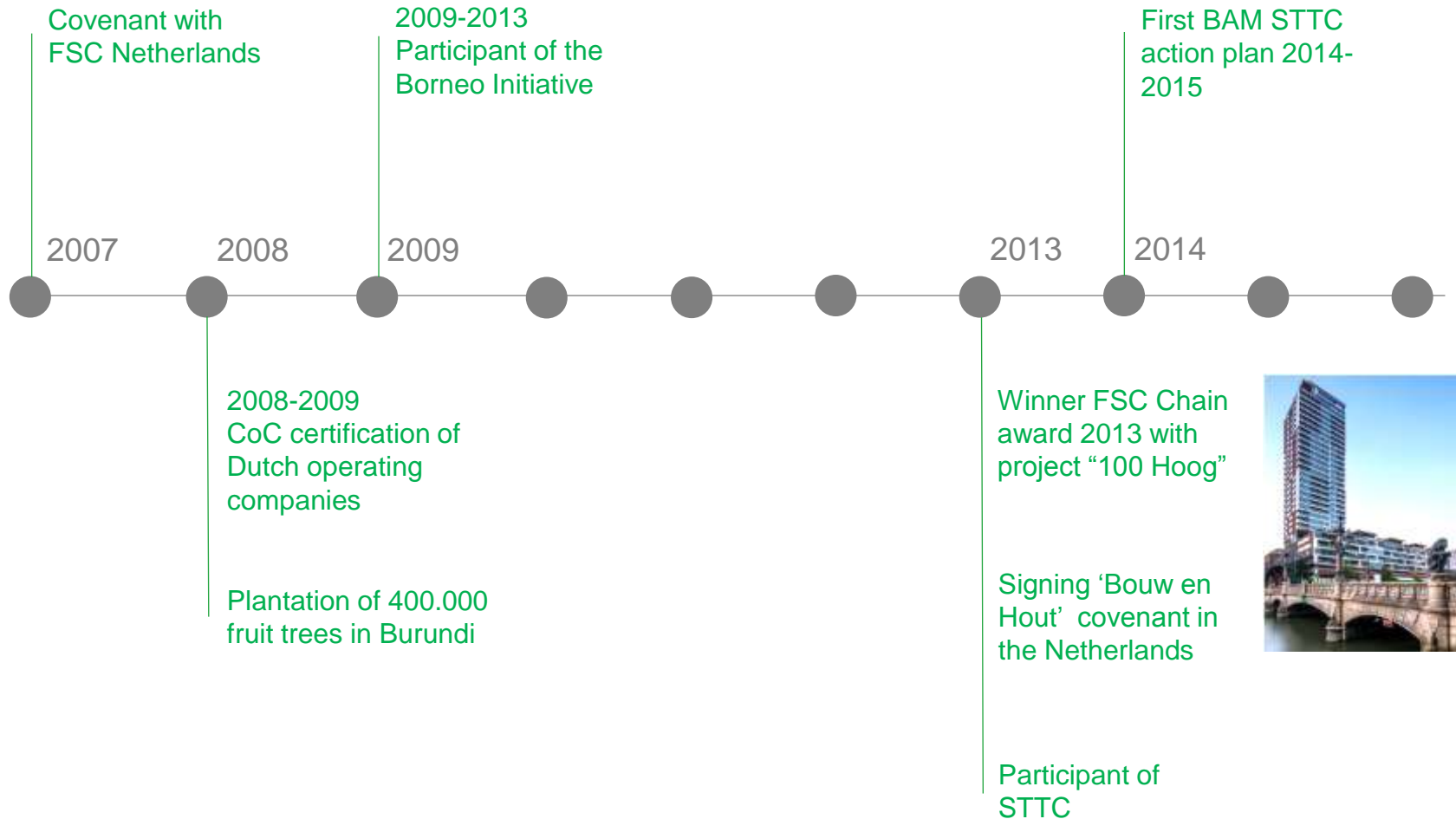
Groufttunnel, Luxemburg



New large sea lock, IJmuiden



BAM has a history of sustainable purchasing of timber



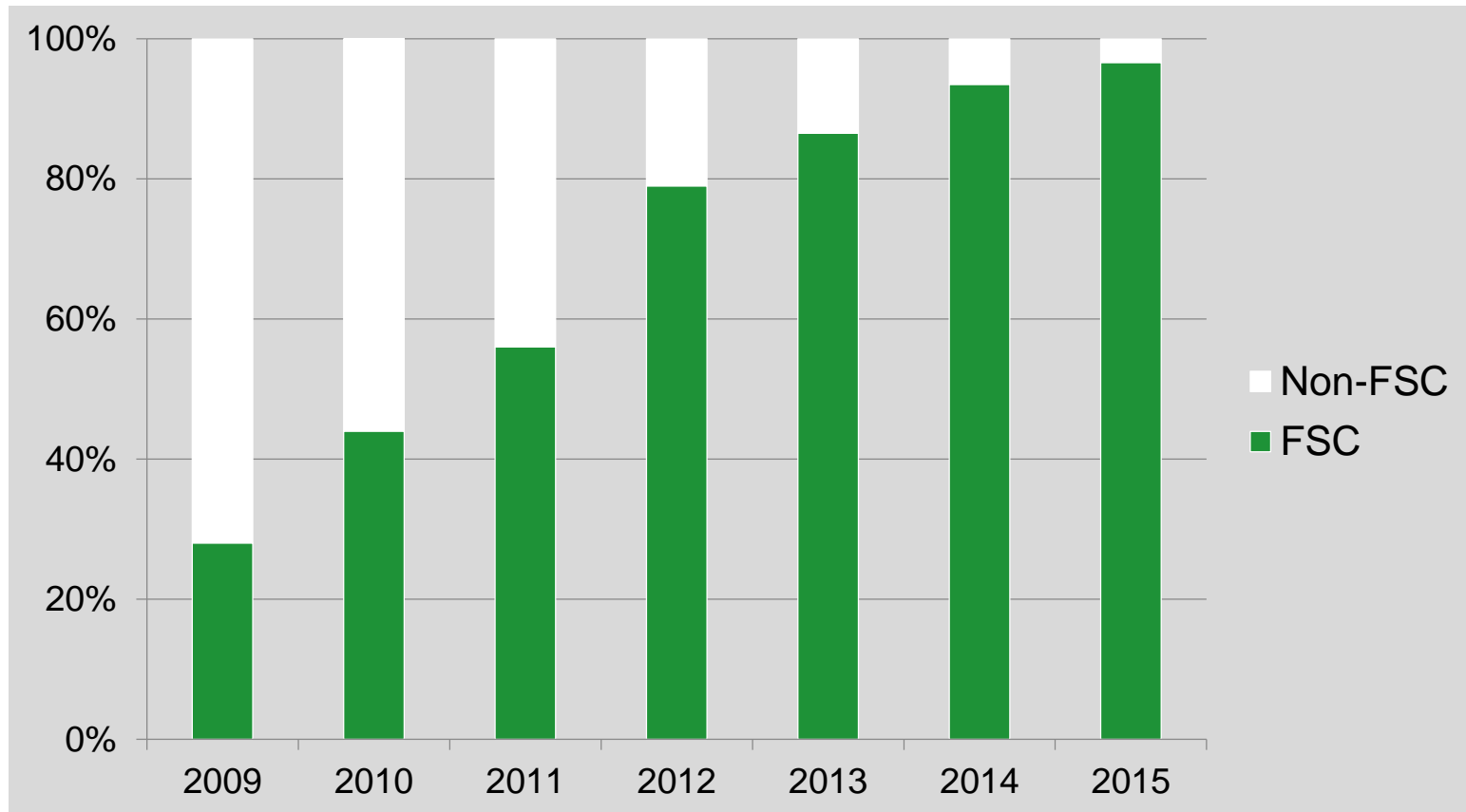
Average terraced house contains approx. 3 cubic metres of timber products



- Stairs
- Roofs
- Windows and window frames
- Doors and door frames
- Inner leafs of cavity wall
- Kitchens
- Timber cladding
- Skirting
- Dormers
- Roof trims
- Skylights
- Beams
- Panels
- Poles;
- Fencing
- Garden sheds
- Meter cupboard

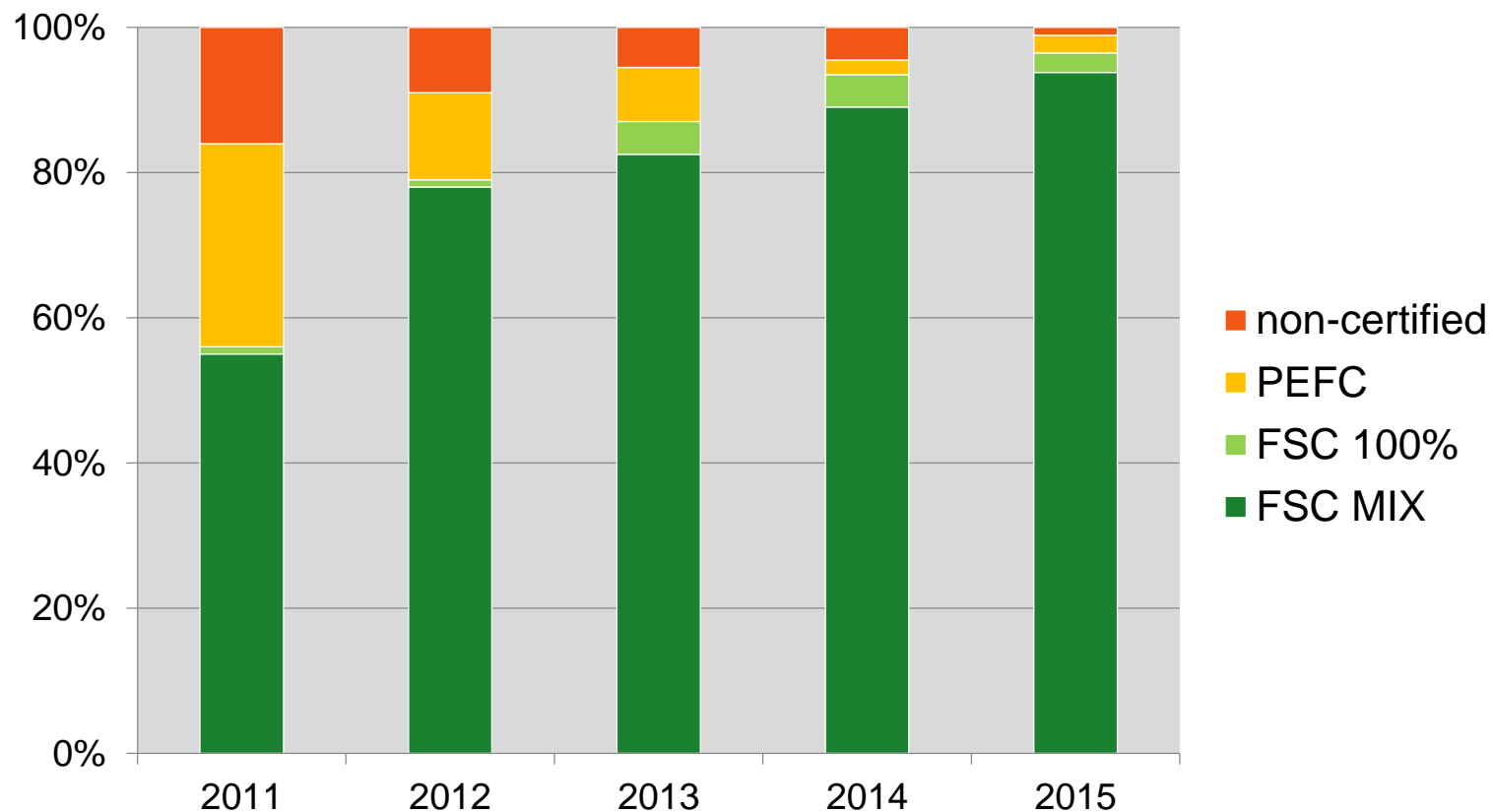
BAM Residential Construction

% FSC certified timber products purchased (2009-2015)



BAM Residential Construction

% Sustainable certified timber products purchased (2011-2015)



BAM practical project approach for sustainable timber

No specific requirement in the contract documents:

- Policy: only purchase 100% sustainable timber (FSC or PEFC);

Sustainable timber specified in the contract documents:

- Only purchase FSC certified timber products;
- Follow all internal CoC procedures

BREEAM certification:

Depending on the desired BREEAM rating:

- Either purchase 100% sustainable timber (FSC or PEFC) or:
- Purchase FSC certified timber products (permanent wood applications and/or temporary wood) and follow all internal CoC procedures

FSC (multi-site) required steps

FSC-STD-40-004, FSC-STD-40-003

Contract requires FSC certified timber products

No requirement

Organizational level (central office)

Project level

Project level (optional)

Responsibility central office

Input specification

Input spec. (FSC or PEFC)

Procedures

Supplier validation

Supplier validation

Training

Identification of input

Identification of input

Records

Segregation

Internal Auditing

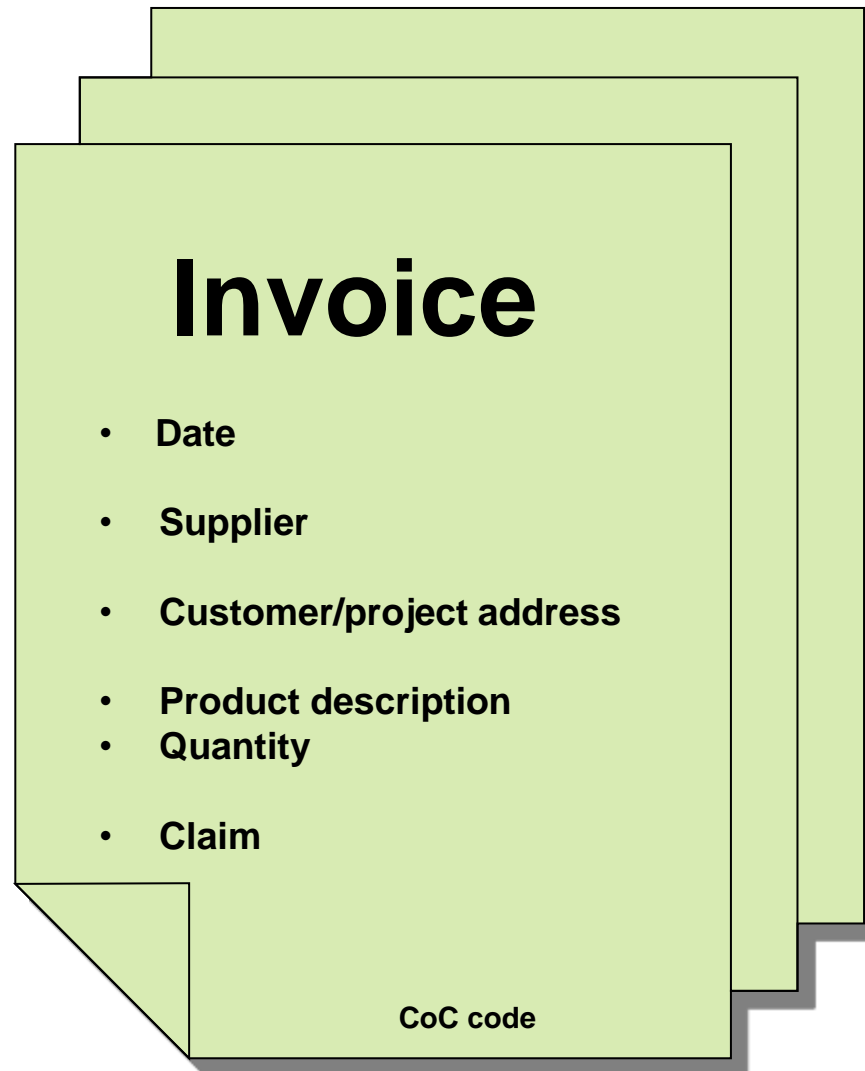
Material balance

Annual volume summary

Sales and delivery doc's

Annual review

Compulsory information on sales and delivery documents (input and output)



Points of attention for project organisations (like construction companies)

- Validation of a large number of varying suppliers
- Outsourcing activities to non-FSC certified contractors
- Subtraction of cutting waste
- Off-product use of FSC trademark
- Annual volume summary per product group (exceeding all projects)*
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*) with the new version of FSC-STD-40-004 this stipulation will probably be cancelled for construction companies)

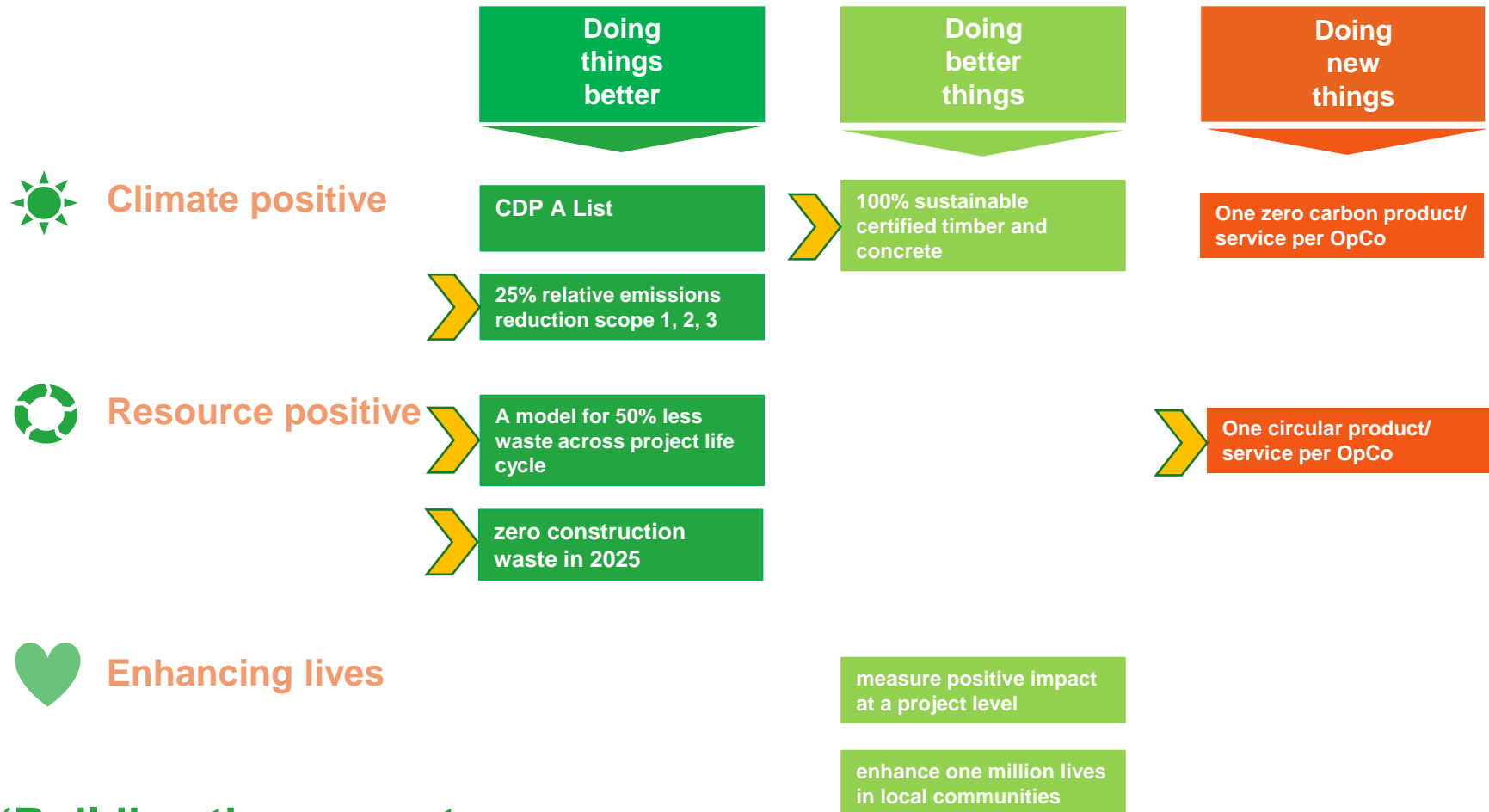
Succes factors

- Clear sustainable timber procurement policy
- Clear internal procedure(s)
- Framework contracts with large preferred wood suppliers
- Training, communication and awareness
- Facilitate automation of collecting volume data
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FSC Material balance at final invoice

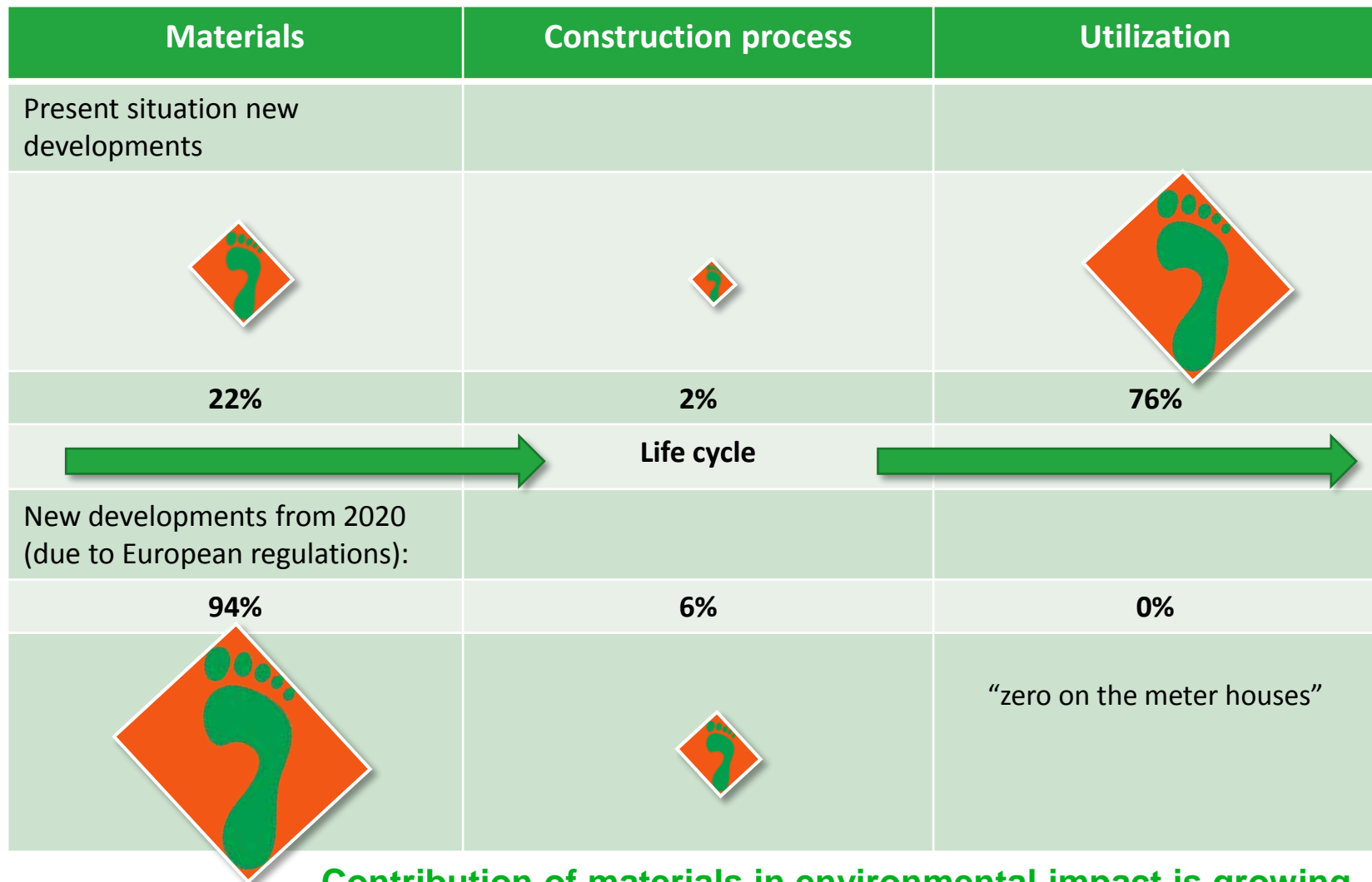
BAM Woningbouw 88H SCS-COC-M0290																	
FSC-Inkoopoverzicht																	
project: Lant projectnr: 014TT oplevering: 01.06.2015 eindactiem: (nummer) opsteller: FVE versie datum: 20.01.2015																	
Alkoord aanneer: datum: telefoon: E-mail:																	
Bij deze verklaart BAM Woningbouw 88H dat gebruik is gemaakt van FSC gecertificeerde houten onderdelen zoals hieronder gespecificeerd																	
Bestels- paragraaf	Productgroep (Gekoppeld aan productgroepen uit Draaiboek FSC)	Specificatie	Houtsoort (optioneel)	Hooftheid ingekocht FSC (optioneel)	Eenheid stuk, m, m2, m3	FSC claim gevraagd FSC - FSC Mix FSC Mix Credit FSC Recycled FSC Recycled Credit	Hooftheid verwerkt in woning (zie ook zaagverlies) FSC	Zaagverlies afbreukfactor 10% (vervalst) (productgroepen in draaiboek)	FSC claim geleverd	Factuur- datum	Factuurnr(s)	Leverancier	Plaats	Certifi- ceerder	COC nummer	Geldig tot	Controle- datum certificaat [datum]
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Use of sustainable timber matches sustainability targets 2016-2020



‘Building the present,
creating the future’

CO₂ footprint house: direct and indirect emissions



Contribution of materials in environmental impact is growing

Thank you