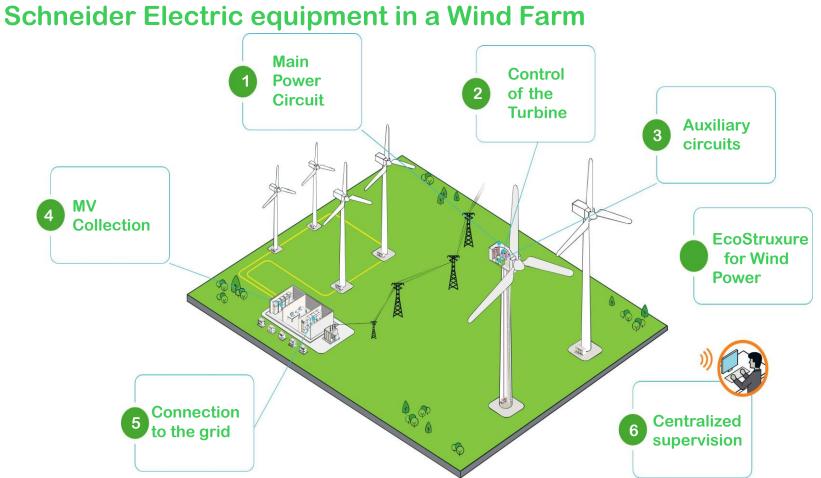


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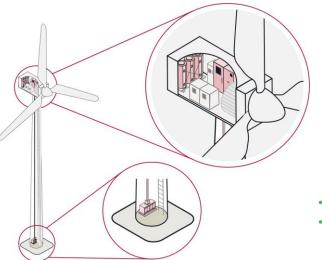


Life Is On

## 1 — Main power circuit



Maximum efficiency to improve your energy harvest



- Customized coordinated solutions for continuity of supply and reliability of operations
- Harmonics mitigation for optimized power quality

- Wind-specific products provide added reliability for your main power circuit
- LV switchgear adapted to your architecture

Cable support systems











Reactive power correction

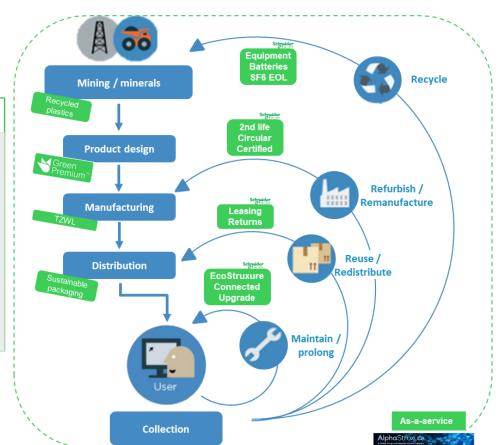
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## Seizing the 'Circular Business Models' opportunity

#### **Upstream initiatives & targets**

- ✓ Double recycled plastics in products by 2025
- √ 80% product revenues with Green Premium
- √ 200 'Waste-to-resource' sites
- √ 100% packaging from sustainable sources
- Circular innovations at each site



# Downstream initiatives & targets

- √ 420K metric tons of primary resources avoided
- 'Circular' services growth
- Lifecycle offers: lifespan extension, 2<sup>nd</sup> & 3<sup>rd</sup> life, responsible end-of-life
- √ +46% YoY Assets under Management (3.8M in total)



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# Upstream examples







# MasterPact MTZ

# Connected circuit breaker to achieve high energy efficiency and durability

Superior environmental performance with Green Premium

#### **Product is RoHS and REACh compliant**

- Transparent environmental information
- Life Cycle Assessment, compliant with ISO14025
- End of Life instructions



#### Contributing to improved energy efficiency

The MasterPact MTZ has energy monitoring capabilities which are an essential part of an efficient architecture such as EcoStruxure



#### Substances of very high concern free

Peace of mind is granted by the absence of SVHC which are potentially harmful and toxic for both humans and the environment.



#### **Upgradeability & durability**

Modernization can be performed without disrupting electricity services. Improved digital monitoring services can allow preventive maintenance, improving the performance over lifetime.

Overall, the Masterpact MTZ can help you achieve a Green Building certification, for instance LEED  $^{\text{TM}}$  points are awarded in the Building Product Disclosure and Optimization section:

- Environmental Product Declaration
- Material Ingredients
- Advance energy management

Life Is On



### PEP ecopassport – ISO 14025 Life Cycle Assessment (LCA) based information

80% of product turnover covered by a Product Environmental Profile (PEP)

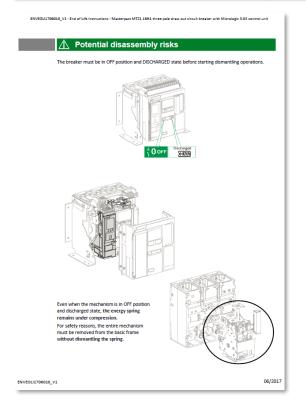


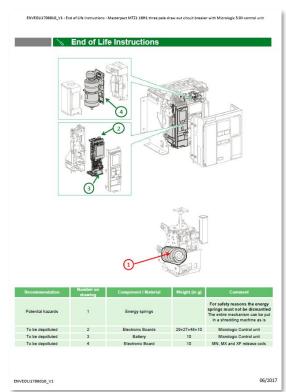


## Circularity Profile providing End of Life Instructions (EoLls)

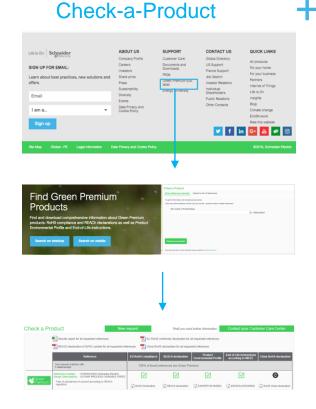
# ENVEOLIT706010\_V1 - End of Life Instructions - Masterpact MTZ1 16H1 three pole draw out circuit breaker with Micrologic 5.0X control unit Product End of Life Instructions Masterpact MTZ1 16H1 three pole draw out circuit breaker with Micrologic 5.0X control unit 06/2017 ENVEOLI1706010\_V1

#### Localisation of components & recyclability rate





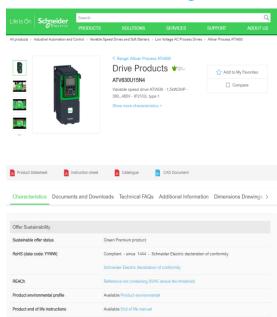
## Freely accessible through our online platforms...



#### mySchneider App



## + On-line Catalog



https://www.schneider-electric.com/en/work/support/green-premium/

# Downstream examples



## Practical and scalable examples of our Circular business models

Extending life
Modernisation



Giving a 2<sup>nd</sup> life
Refurbishment



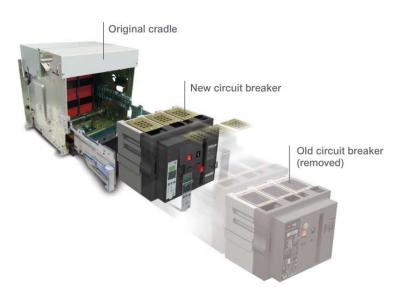
Product Environmental Profile

Handling end-of-life Collection & Recycling

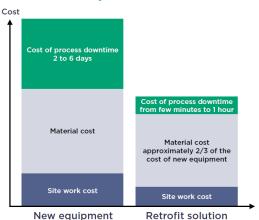


**End of Life Instructions** 

## Extending lifespan by Modernisation (Retrofit)







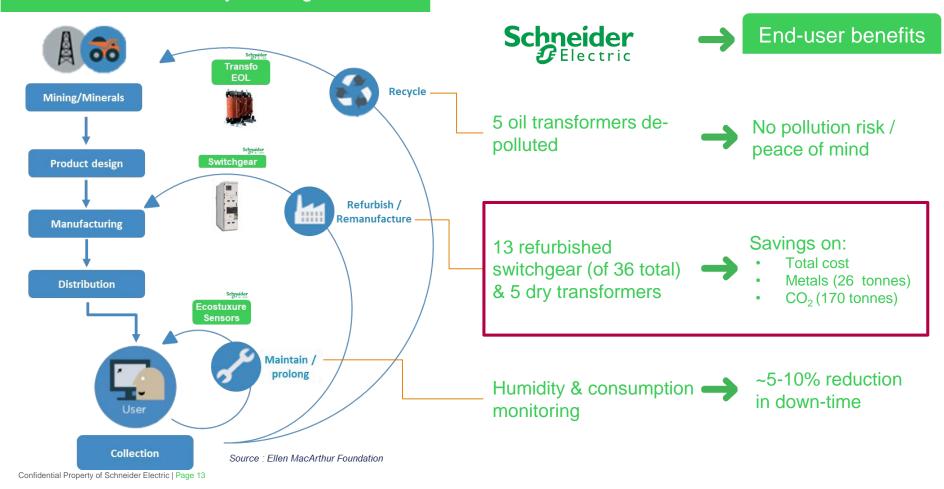


Environmental benefits of a typical primary distribution retrofit solution (calculated using Product Environmental Profiles)



#### Circular economy winning offer

https://www.youtube.com/watch?v=4nntMcbZ86E



## In summary, PEP & EoLIs: practical applications

### What it provides

 Product environmental impacts and material composition (including some circular economy attributes such as recycled content, recyclability rate...)







#### What users could achieve

- 1. Benchmark with other products following same rules
- 2. Consolidate such environmental attributes for a **full** system/solution (retrofit example)
- 3. Adapt ecoDesign on full lifecycle, ex: which is 'greener'? Al or Low CO<sub>2</sub> Al or Copper?
- 4. Environmental benefits calculation: **refurbished vs new** products
- 5. Enabling to **reduce** emitted CO<sub>2</sub> (could be **costs** on this in the future)
- 6. Identify 'green' claims / revenues (fuel into EU Green Deal and new CEAP)

# Circularity – the winning strategy for all stakeholders



Our Customers

Reduction in Total Cost of Ownership



Our Planet

Moving the date, saving resources



**Governments** 

Local jobs creation



Our Company

Lifecycle relationship with customers



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