



Miljø- og
Fødevareministeriet

Battery Regulation

– towards a circular economy

Elreturs Årsmøde
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Negotiation process

EU Commission submitted proposal for a new battery regulation
december 2020

EU Parliament adopted their position 10. february 2022
EU Council reached general agreement 17. marts 2022

Afterwards trilogue between Commission, Parlamentet and Council

Final adoption and entering into force??



Political context

EU Commissions Action Plan for Batteries

Integrated part of EUs Green deal on climate

Strategy for Sustainable and Smart Mobility

A new Industry Strategy for Europe

Action plan for Circular Economy

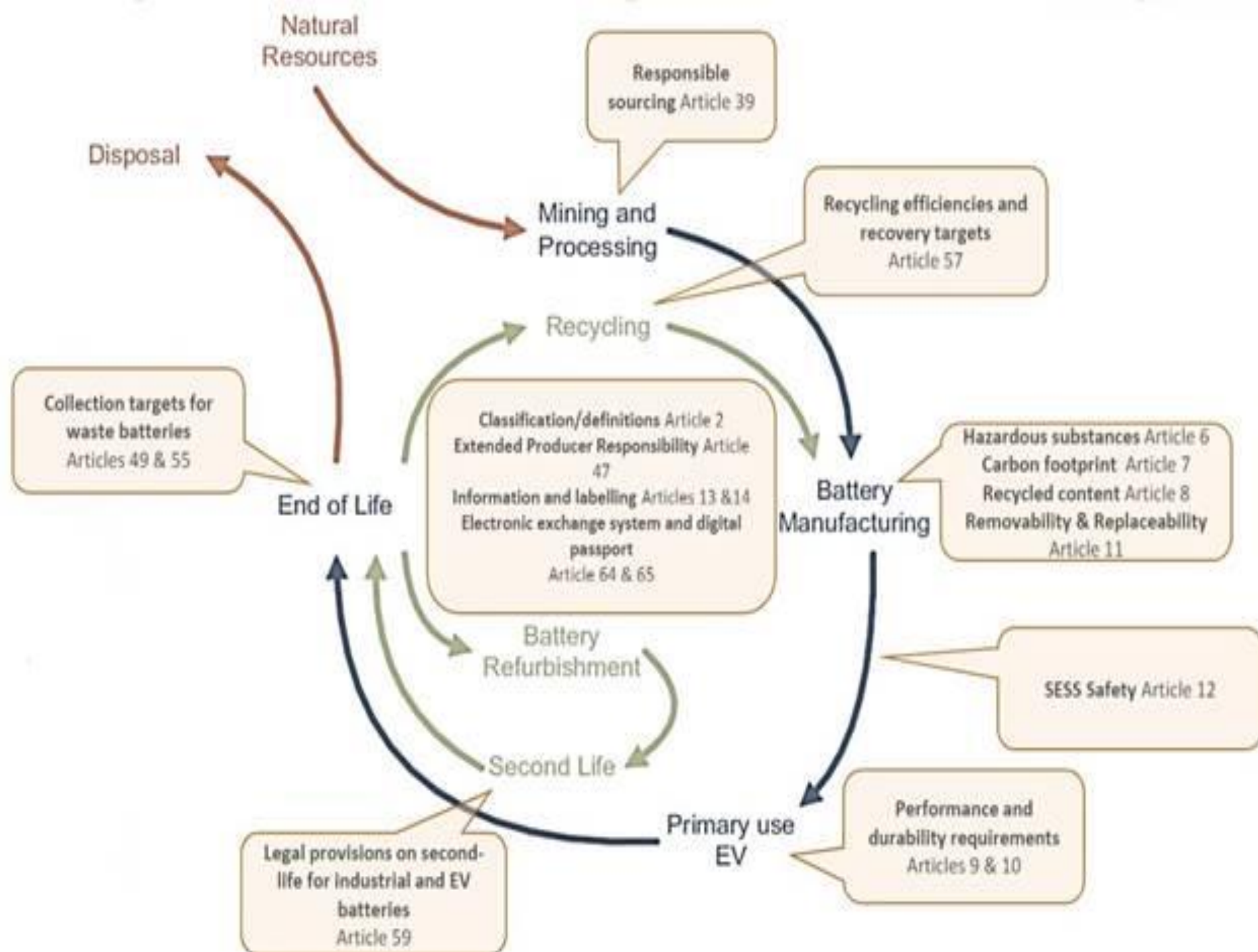
- **Lack of framework conditions to promote investments in production capacity for sustainable batteries**
- **A sub-optimal functioning recycling market not ensuring a closed material loop**
- **Social and environmental risks associated with the extraction of raw materials**



En forordning der dækker hele livscyklus

Formål:
Etablere cirkulær økonomi for batterier

- Global demand x 14 i 2030
- EU 2nd largest market for batteries
- EU goal: 2nd largest producer of batteries
- Security of supply



Forslagets indhold

Chemistry, CO₂- footprint, recycled material, design, technical performance, security

Conformity assessment of products and –conformity bodies

Obligations for economic operators including due diligence for raw materials

Extended Producer Responsibility

Labelling, QR, SoH, battery passport, data information exchange system

Market surveillance

Grønne indkøb



5 / Miljøministeriet/ EU Kommissionens forslag til batteriforordning



Producer responsibility for batteries

Main changes

- New categories of batteries
- Organising the producer responsibility system
- More focus on circularity and responsibilities
- Information, labelling, reporting



New categories of batteries

- Portable battery (up to 5 kg, not LMT, SLI, EV, industry)
- Batteries for light means of transportation (LMT-batteries) (up to 25 kg)
- Starting, lighting and ignition batteries (SLI-battery)
- Electric Vehicle batteries
- Industrial batteries (incl. other applications)

All batteries are included in the Regulation



Organising the producer responsibility system

Waste Framework Directive minimum requirements for extended producer responsibility:

- Transparency on PRO's, Self-control mechanism, Modulated fees, Guarantee, Authorized representative

Direct organisational and financial producer responsibility

- Variety of collection channels
- Waste survey's

Authorisation of producers and PRO's for portable and LMT-batteries



More focus on circularity and responsibility

New definitions

- Re-use & Preparing for re-use; as known from the Waste Framework Directive
- Re-purposing; any operation that results in parts or the complete battery that is not a waste battery, being used for a different purpose or application than the one that the battery was originally designed for
- Preparing for re-purposing
- Remanufacturing; any technical operation on a used battery that includes the disassembly and evaluation of all its battery modules and cells and the use of a certain amount of battery cells and modules, new, used or recovered from waste, or other battery components, to restore the battery capacity to (...) and results in the battery being used for the same purpose or application than the one for which the battery was originally designed;



More focus on circularity and responsibility

- Re-use
- Remanufacturing, repurposing, preparing for re-use & preparing for repurposing
 - Regarded as new battery according to obligations in chap. II, VIa and battery passport
- Recycling and recycling targets (batteries and metals)
- Ban on landfilling and incineration



Information og mærkning

- **Labelling**
 - **Crossed bin, QR, Chemistry**
- **QR-kode**
 - **Link to battery passport and EES**
- **Elektronic data exchange system (EES)**
 - **Generic data for model (public, independent economic operator, authorities)**
- **Battery Passport**
 - **Generic data for model (public, independent economic operator, authorities), dynamic data for specific battery**
- **State-of-Health and expected life time**
 - **Up-to-date data from BMS**





<https://www.youtube.com/watch?v=5OjuGOaullw>

Tak for ordet!

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