

Towards a new EU regulatory framework on batteries

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Batteries2019

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Introduction EUROBAT

- **EUROBAT** represents industry- **manufacturers and supply chain** of automotive and industrial **batteries** - at **EU** and **national** levels
- All battery technologies – lead, lithium, sodium, nickel



MORE THAN

50

Manufacturers
and Associate
members from
across the
value chain



MORE THAN

30

battery
manufacturing
plants



OVER €

6.5

BN annual
turnover



16

research
centers

Introduction EUROBAT



Transport sector

- SLI Battery
- Mild-hybrid
- Full Hybrid
- Plug-in hybrid
- Full electric

Motive power

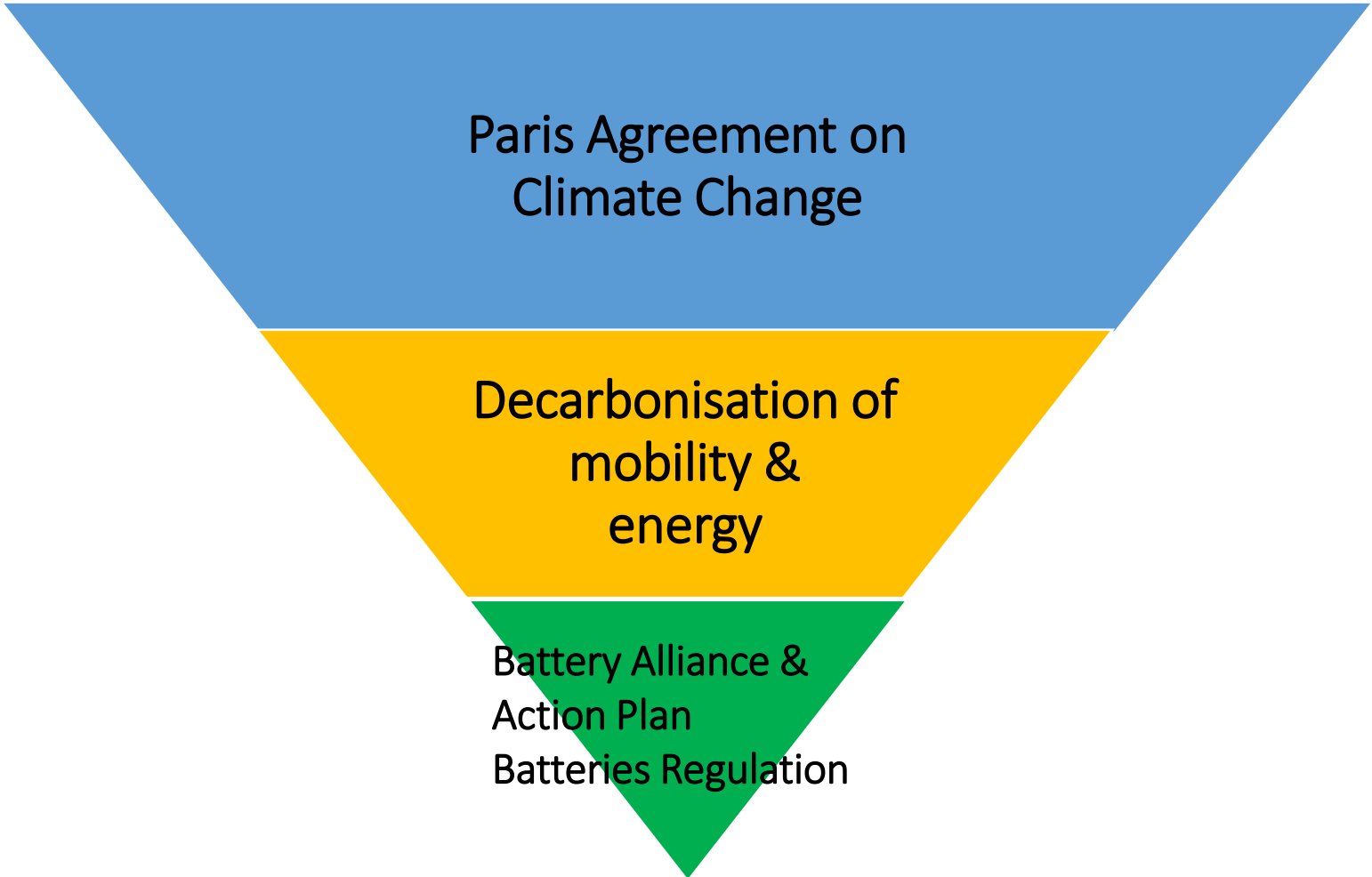
- Electric or hybrid electric Forklifts
- Cleaning
- Medical wheel chair
- Construction/agriculture
- Mining
- Golf carts
- Automated Guided Vehicles (AGVs)
- Ground support equipment

Energy storage

- Production
- Transmission & distribution
- Household
- Off-grid
- TLC
- UPS

EU Battery legislative framework

Three-levels of EU policies driving decarbonisation and battery policies

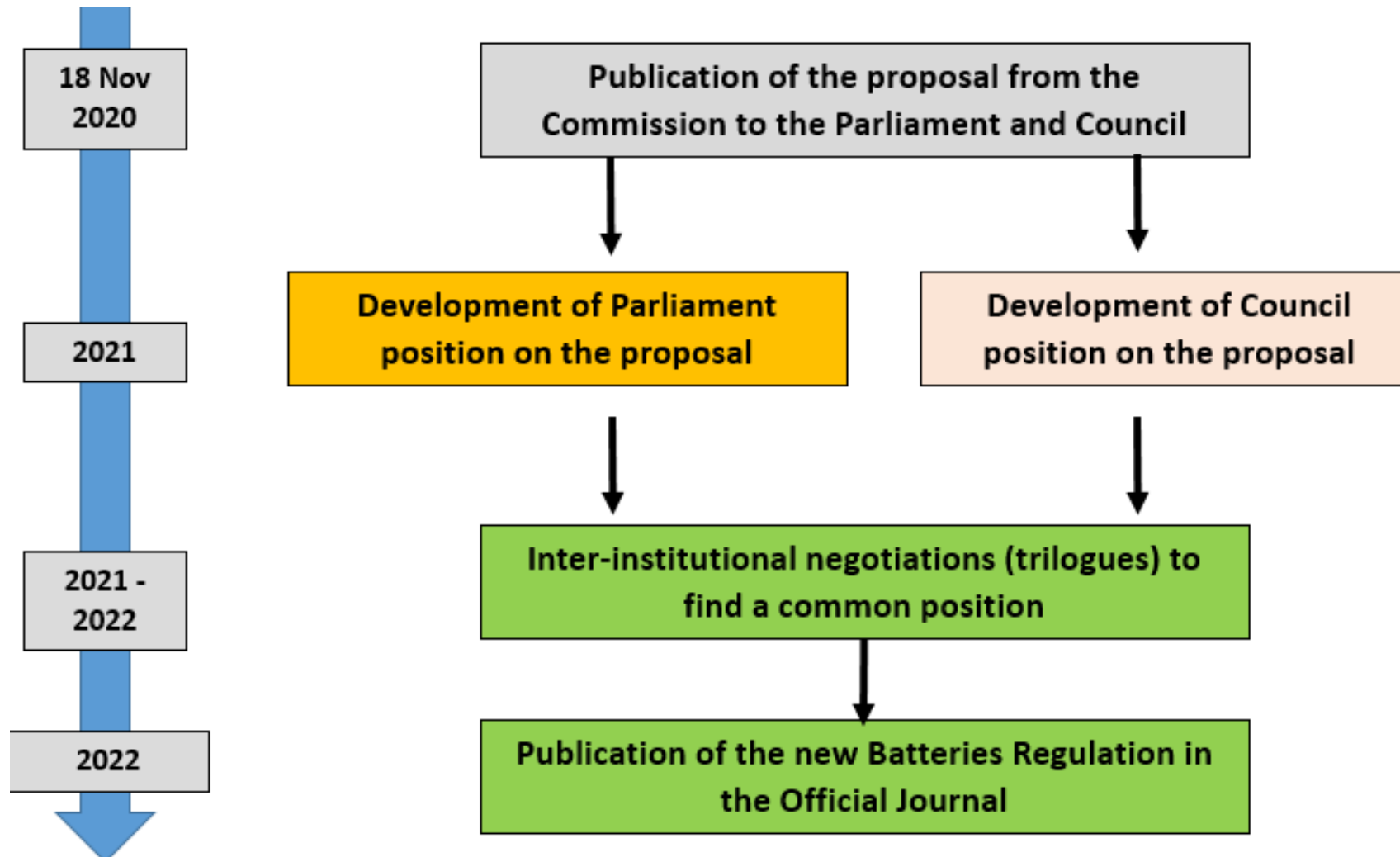


The Batteries Regulation

- Replace the Batteries Directive from 2006
- To be published on 18 November 2020
- Covers Automotive, Industrial and Portable batteries – will apply also to batteries for energy storage and e-mobility, key for decarbonisation of islands
- General objective: Promote green, sustainable European Batteries
- Focus on recycling, carbon footprint, ethical sourcing of raw materials



The Batteries Regulation - timeline



The Batteries Regulation – what to expect

- New legislative framework on second life of batteries – clarification of EPR
- Introduction of reporting system for automotive and industrial batteries
- Review of recycling efficiency: 75% for lead and nickel-based batteries, 50-60% for lithium-based batteries
- Recovery targets for key metals: nickel, cobalt, lithium, lead
- Plant and process-specific recycling targets

The Batteries Regulation – what to expect

- Introduction of carbon footprint declaration (and possibly limit values) for EVs and industrial batteries
- Information requirement on performance and durability for EVs and industrial batteries
- Information requirement on level of recycled content
- Battery passport for industrial batteries
- Due diligence for the origin of raw materials

Thank You

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