

CIRCULAR ECONOMY BUSINESS -
WE MAKE CIRCULARITY ECONOMICAL

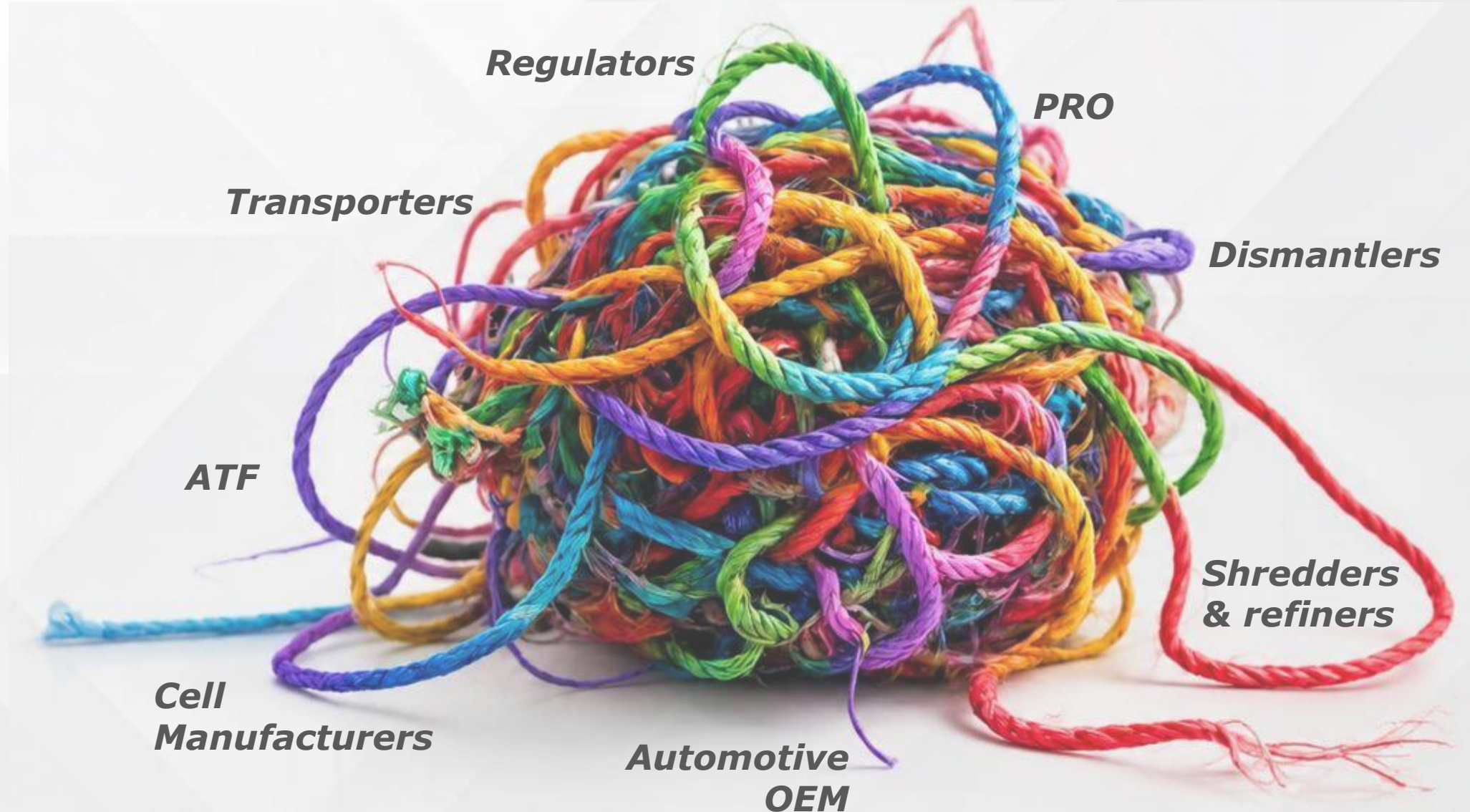


Circularity: How Automotive OEMs Are Finding a Balance



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A SYSTEM STILL TAKING SHAPE



A SYSTEM IN MOTION



REGULATIONS ACCELERATE



MARKET MATURING



STRUCTURE FRAGMENTED



INDUSTRY SCALING OR STALLING

REGULATION: A POWERFUL SOURCE, BUT A COMPLEX ONE

1

STRONG DIRECTION

A comprehensive EU framework is setting a clear direction towards circularity



BATTERIES



WASTE



ECODESIGN



CRITICAL RAW MATERIALS

2

MULTIPLE VERSIONS OF THE SYSTEM

Differences between European ambition and national implementation create fragmentation



TIMELINES



INTERPRETATION



ENFORCEMENT

3

UNTINTENDED COMPLEXITY

Implementation left to Member State and market actors can lead to unintended consequences



OPERATIONS



COST SHIFTS



HARD TO SCALE

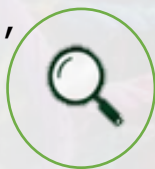
CHALLENGE FOR OEMs



Regulations sometimes are overlapping and not always harmonised



Decisions on design, sourcing and partnerships are always long-term



Anticipate, adapt and absorb to drive circularity forward

FROM REGULATION TO IMPLEMENTATION

EXTENDED PRODUCER RESPONSIBILITY - a legal framework for producers to organize their responsibility

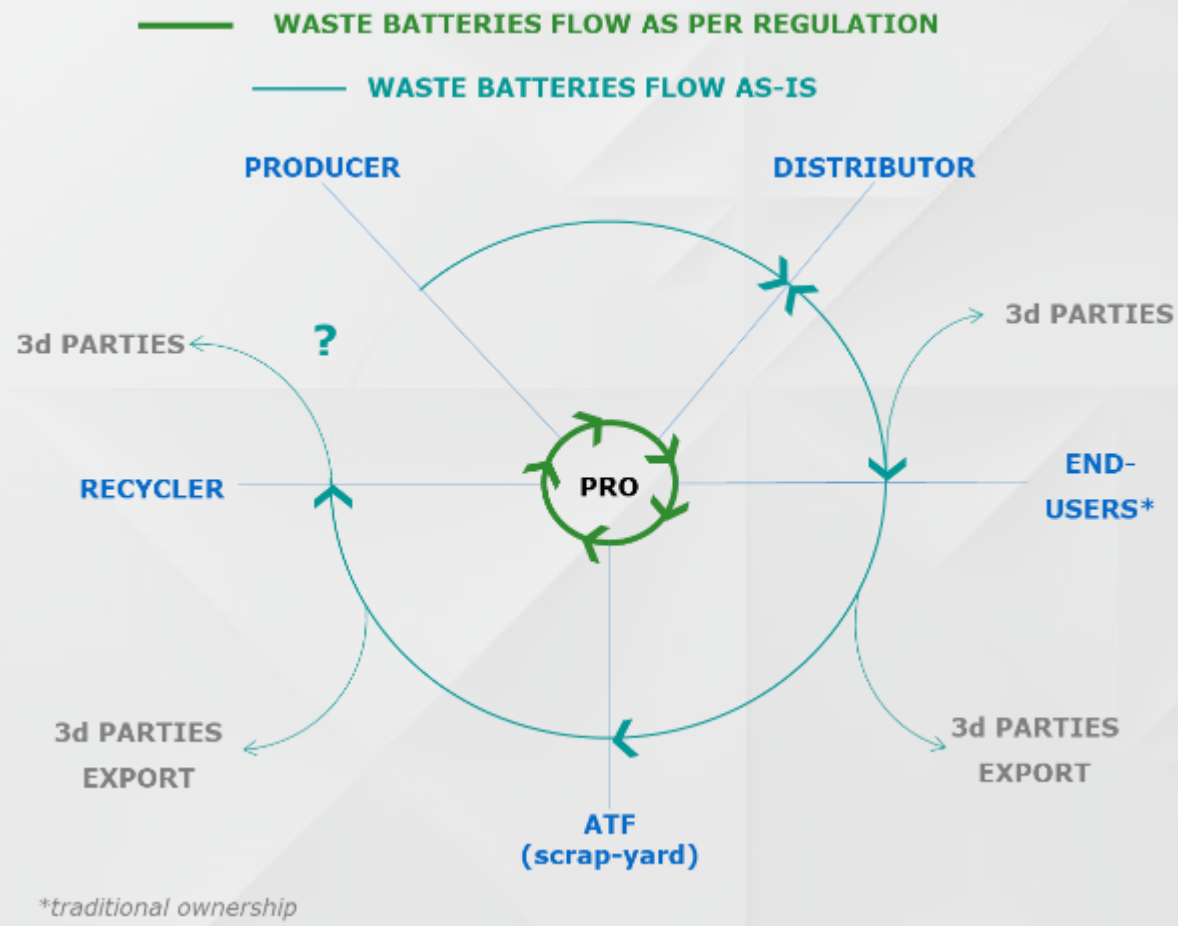


ACCOUNTABILITY WITHOUT FULL CONTROL

CYCLE OF ACCOUNTABILITY



FEEDSTOCK CONTROL LOOP



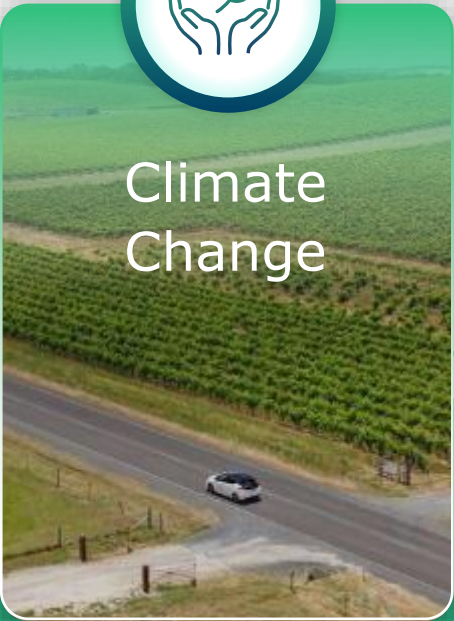
NISSAN GREEN PROGRAM 2030 OVERVIEW

Ensure our living society is sustainable and in harmony with nature

AIMS
create positive
environmental
impact across 3
strategic pillars



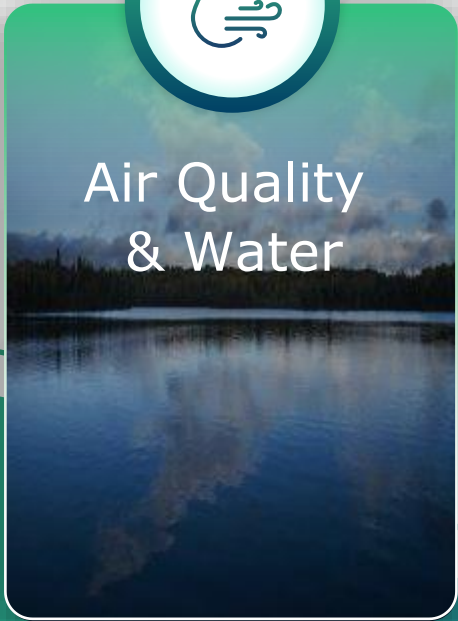
Climate
Change



Resource
Dependency



Air Quality
& Water



Responsible sourcing and traceability

NISSAN GREEN PROGRAM 2030 OVERVIEW

- Resource dependency

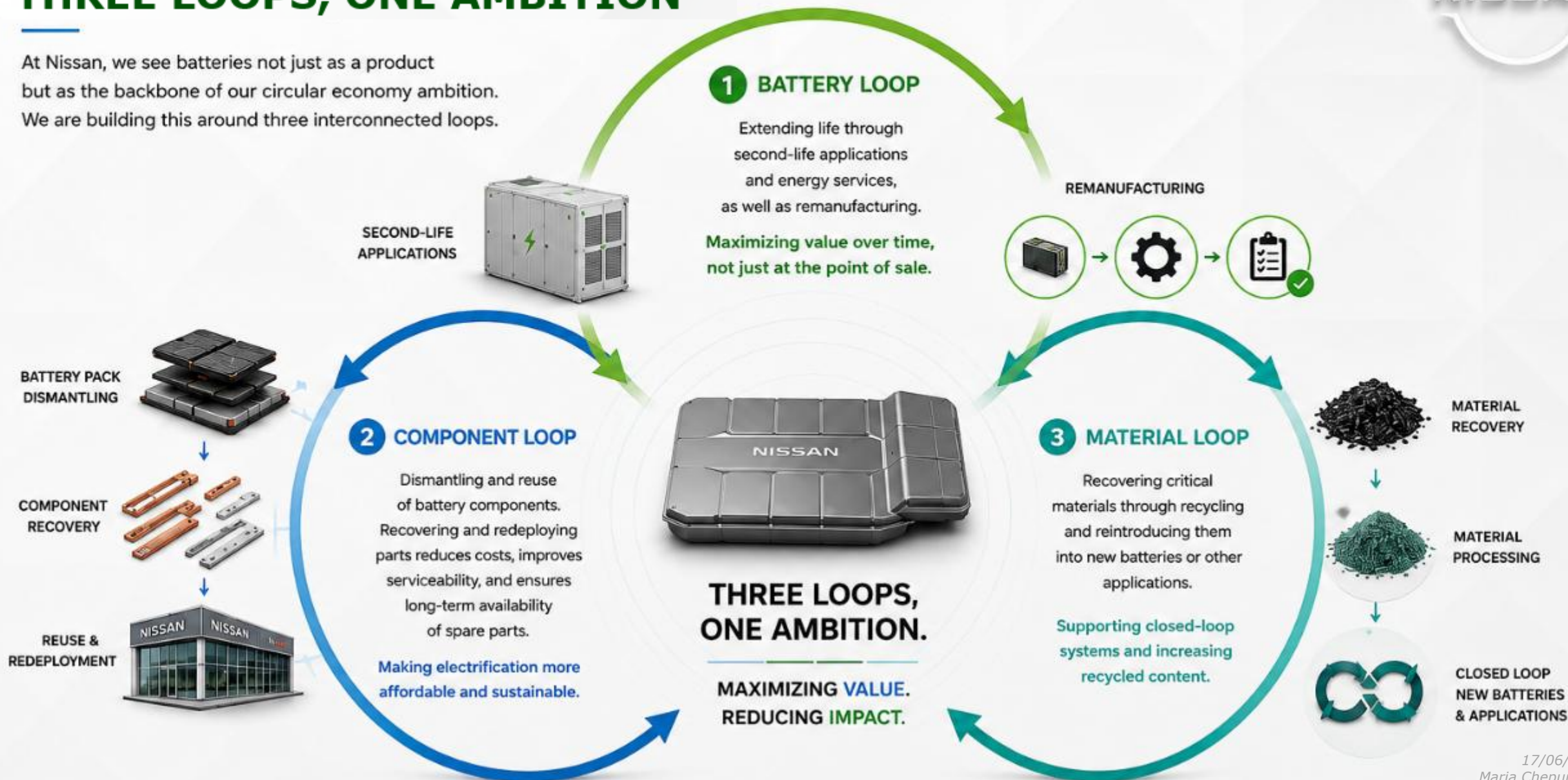
Using finite resources efficiently & sustainably
to maximize value and reduce pressure on the environment



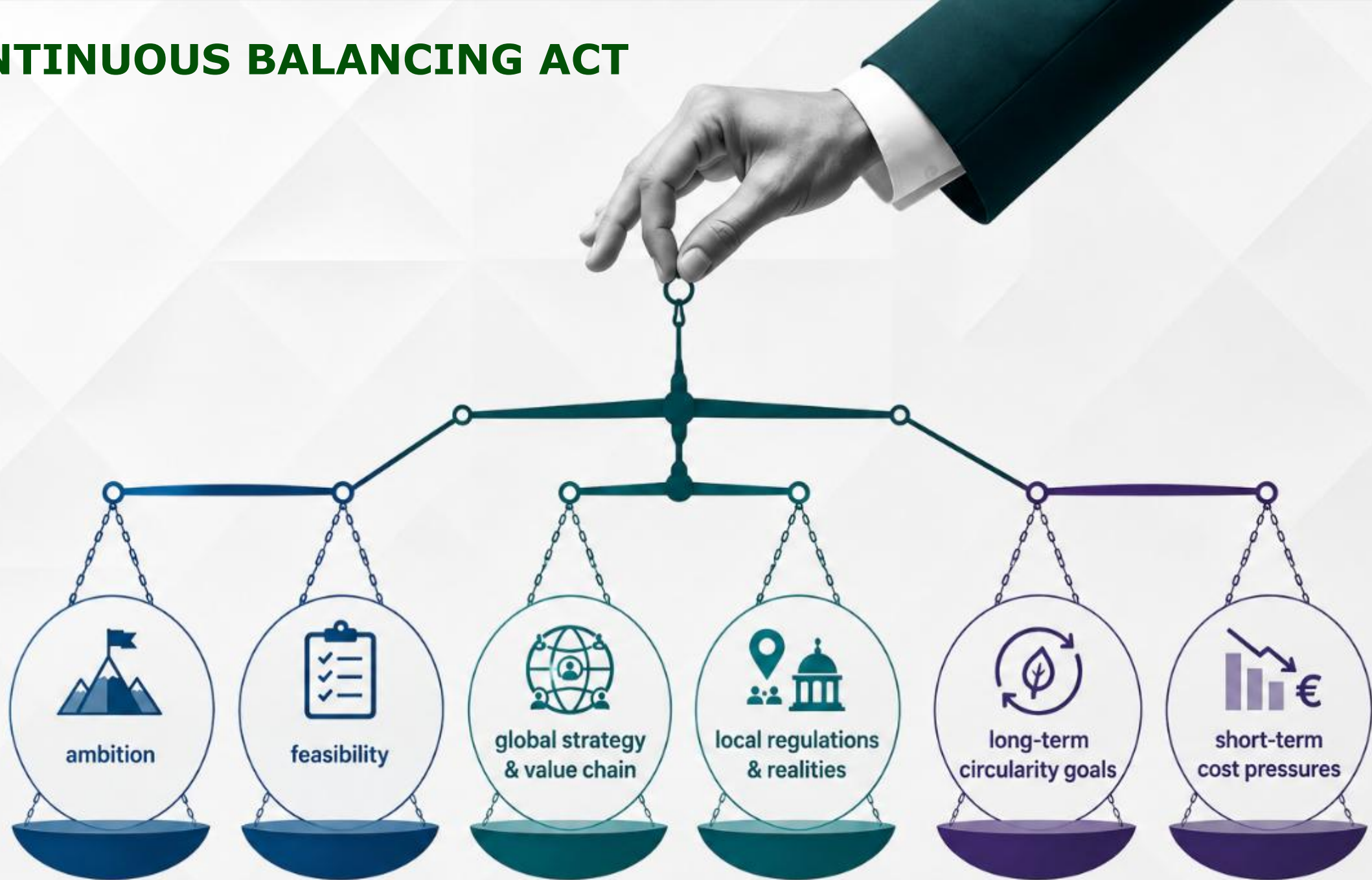
UNLOCKING BATTERY VALUE – THREE LOOPS, ONE AMBITION



At Nissan, we see batteries not just as a product but as the backbone of our circular economy ambition. We are building this around three interconnected loops.



CONTINUOUS BALANCING ACT



FROM COMPLEXITY TO COHERENCE

REGULATORY CLARITY AND CERTAINTY

STABILITY

COLLABORATION

