![NTT DATA logo]

Solution Brief

Proactively manage and bring transparency into your product packaging

Why?

- Employee, consumer and societal demands to reduce usage of environmentally damaging materials (e.g. plastic) and waste

- Responsibility for compliance and action shifted to producers (EPRs and taxes)

- More EPRs and taxes coming, complexity evolving

What?

- What EPRs and taxes do you need to be compliant with now?

- What new regulations are coming and when?

- What can you do to take action to reduce the usage of these harmful materials?

How?

- Report – Set up RDP for the EPRs / taxes you need to address and run your compliance reports

- Stay current – Let RDP manage new and amended EPR complexity

- Take action – Use the analytical tools to reduce the usage of plastics and other harmful materials

The Challenge

Given the global imperative to reduce our impact on the planet, companies need to behave responsibly and transparently to work towards eliminating emissions and waste. A key part of the problem has been the release of harmful materials into the environment which leads to loss of wildlife, habitats and biodiversity, putting natural ecosystems at risk. Society and governments have responded by introducing hundreds of Extended Producer Responsibility (EPR) schemes and plastic taxes. These regulations shift the burden of managing end-of-life products and packaging to the companies that manufacture and sell the products. EPR and tax schemes are ever increasing in number, global coverage and are being amended regularly.

EPR for Packaging 2023
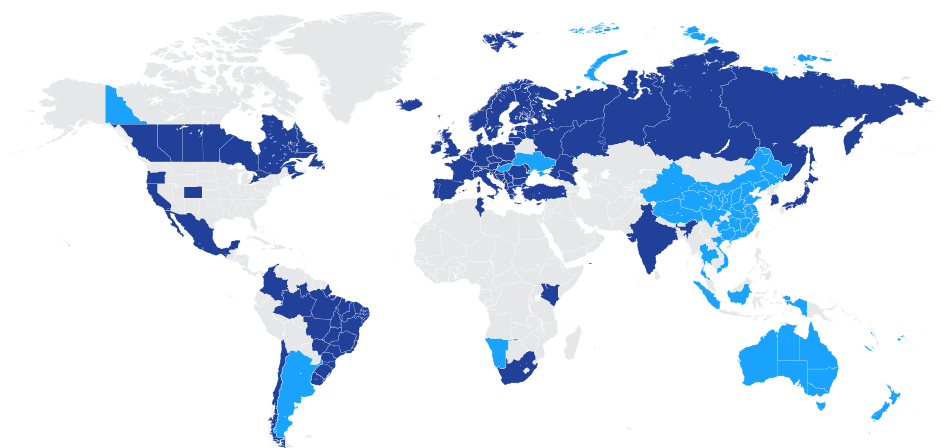
⟳ Being developed or framework legislation only.

⟳ Mandatory EPR for packaging.
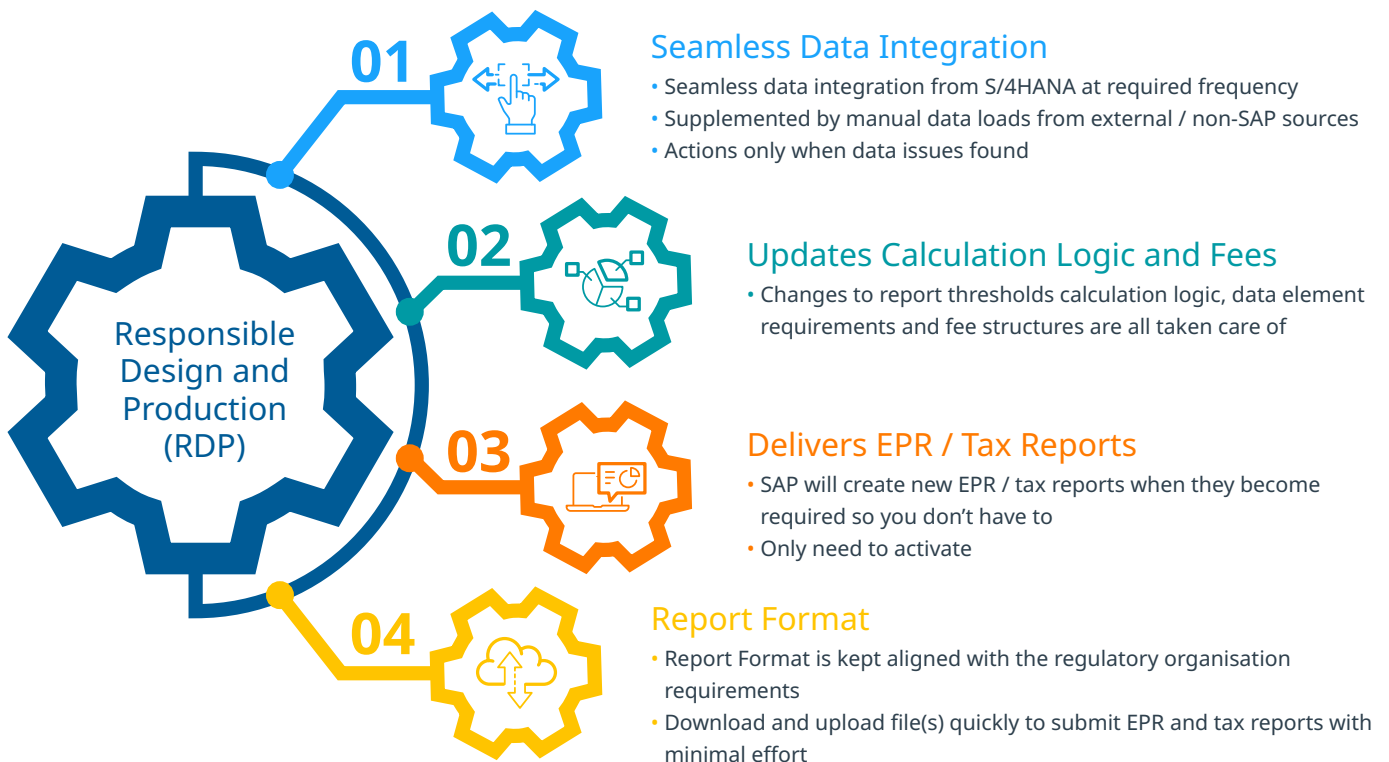
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The advent of corporate responsibility for waste has arrived, and companies need to consider the broader environmental and societal consequences of their operations. Those who lead the way in understanding their waste and who take steps to reduce it, use eco-friendly packaging and manage end-of-life products will enhance their reputation and meet consumer demand for sustainable production and design. Non-compliance, on the other hand, can lead to fines, legal proceedings and lack of customer loyalty and trust. Embracing proactive and holistic management of product packaging with sustainable principles will help your company gain a competitive advantage as well as doing the right thing for the environment.

The Solution

SAP's Responsible Design and Production (RDP) solution helps your company manage EPR obligations, plastic taxes and provides valuable insights to enable your packaging designers to work towards a sustainable packaging portfolio.

RDP is a public cloud solution which is part of SAP's Business Technology Platform (BTP), so EPR and tax reports, calculations and file formats are updated continuously as regulations evolve so you don't have to keep track.

When you model and integrate your packaging compositions into the tool and configure the relevant EPR or tax reports you can take the pain away from data gathering, manipulation and calculation of the material volumes and associated fees, the tool will manage this for you, letting you focus on improving your packaging design to reduce waste and maximise the use of recyclable materials.

01 — Seamless Data Integration
- Seamless data integration from S/4HANA at required frequency
- Supplemented by manual data loads from external / non-SAP sources
- Actions only when data issues found

02 — Updates Calculation Logic and Fees
- Changes to report thresholds calculation logic, data element requirements and fee structures are all taken care of

03 — Delivers EPR / Tax Reports
- SAP will create new EPR / tax reports when they become required so you don't have to
- Only need to activate

04 — Report Format
- Report Format is kept aligned with the regulatory organisation requirements
- Download and upload file(s) quickly to submit EPR and tax reports with minimal effort

Responsible Design and Production (RDP)

Benefits

You can expect to achieve the following benefits when operational with RDP:

Regulatory Compliance

Become fully compliant with the growing EPR and plastic tax schemes through a standard solution supporting all schemes globally.

Material Transparency

Get full transparency on material usage and volumes through accurate product and packaging data models at any point in time.

Design Circularity

Take steps to reduce use of plastics and other harmful materials and introduce greener materials into product designs.

Next Steps:

Do you have EPR commitments, or want to gain a detailed understanding of your packaging makeup or packaging volumes imported to specific countries? Do you want to embed sustainable packaging design proactively and holistically into your operations? If so then contact us.

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Learn more about NTT DATA Business Solutions

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