



**Circular & Fair
ICT Pact**



One planet
handle with care



Making Climate Impact through sustainable IT procurement

*XVI. Roundtable: Exploring Low Carbon and
Energy Efficient Procurement as a Tool For Paris
Agreement Implementation (Montreal Room)*

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Circular and Fair ICT Pact: Sharing, collaboration, aligned action

The Circular & Fair ICT Pact (CFIT) is an **international partnership** that aims to accelerate **sustainable production and use of circular and fair ICT products** worldwide through the power of **procurement**.

CFIT participants



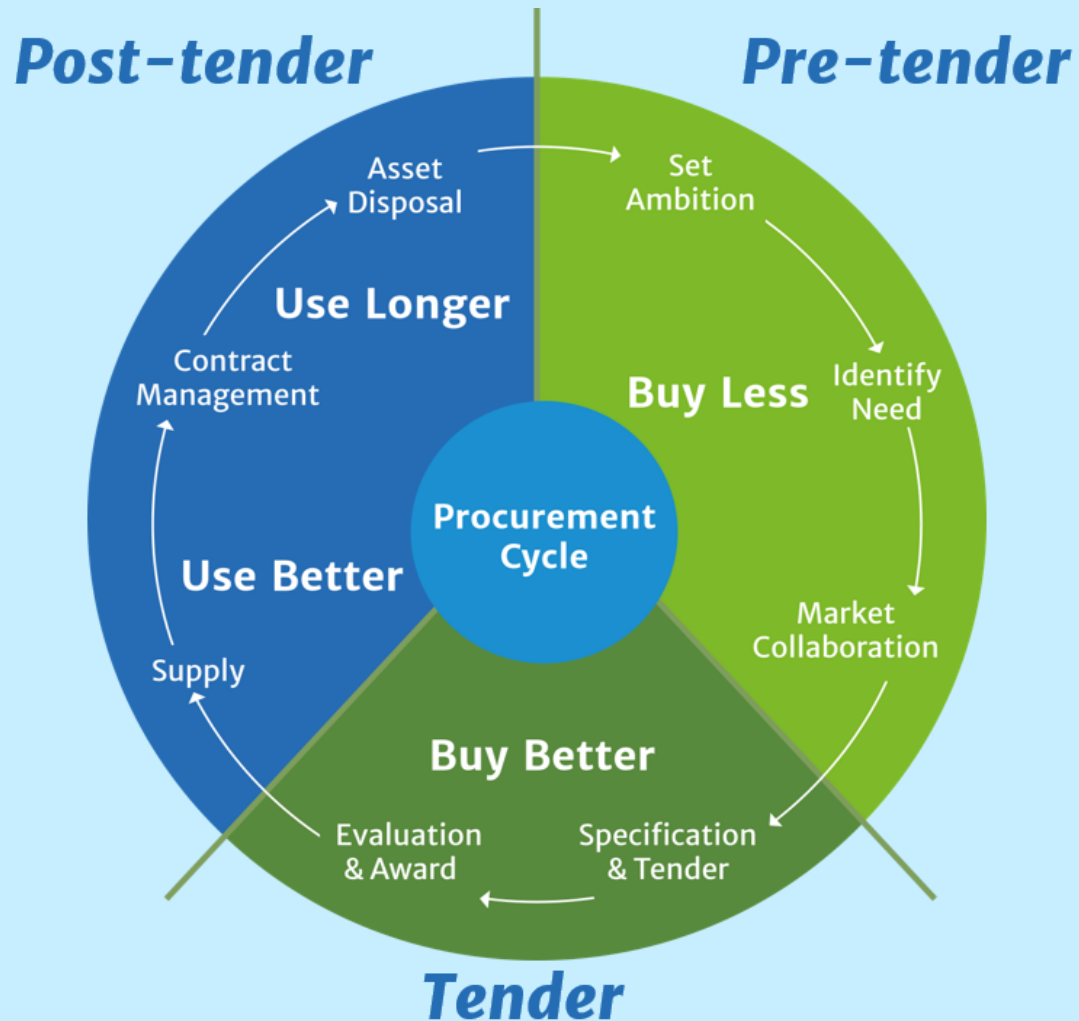
Supporting organizations



Our world is built on IT



What is Circular and Fair procurement for CFIT?



CFIT aims to address:

-  **Circularity**
-  **Fair**
-  **Energy & Climate**
-  **Chemicals**

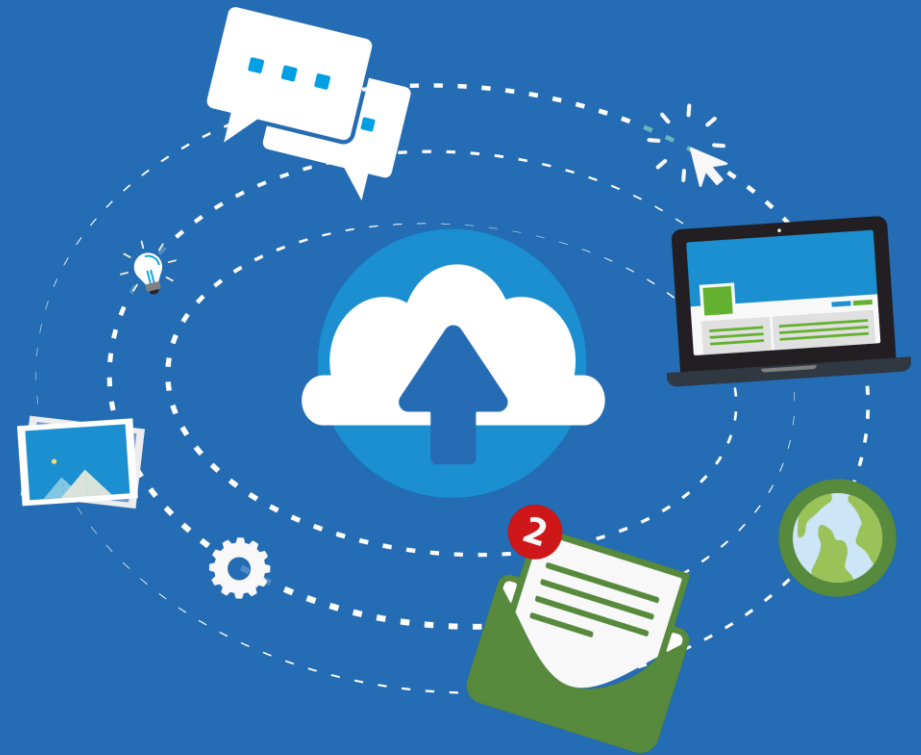
From CFIT Framework to Action!



Johan Rodenhuis

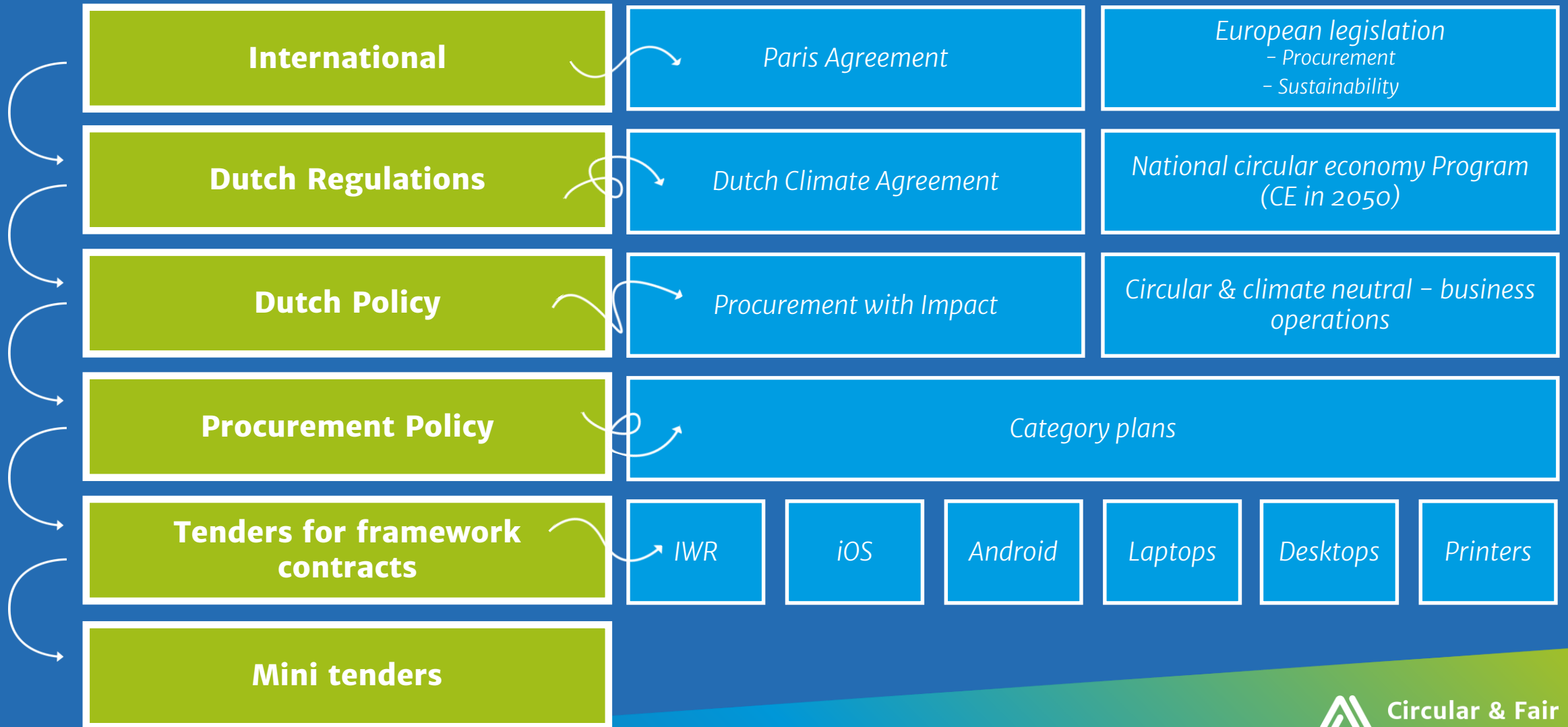
Strategic Sustainability Advisor Procurement IT

*Ministry of Economic Affairs
and Climate Policy*



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Sustainable ICT in practice



Category IWR



- **Scope**
- **12 Government wide contracts**
 - Workspace hardware
 - Telecommunication
- **Participants**
- **Spend 2023**
 - 200 M€/year
- **IWR Team**
 - 8 FTE



Focus climate

IWR2021

Energy efficiency

- Energy Star, 80Plus (Gold, Platinum en Titanium voor desktops en workstations), EU Energylabels;
- Energymanagement: battery management (SoC) and State of Health (SoH);

Carbon Footprint (CO₂)

- CO₂ footprint (LCA);
- CO₂ reduction aligned with Dutch climate agreement and DCG policy;
- Most CO₂ efficient mix for international transport;
- 1 year after start framework agreement CO₂ neutral vehicles or zero emission for smaller vehicles.
- CO₂ Compensation using Fairtrade Climate Standard
 - Launching customer Project Rwanda



IWR2023/24

Improved requirements

- EU Energylabels, battery lifecycle (SoH), repairability;
- All contracts zero emission for smaller vehicles;

Datacenters

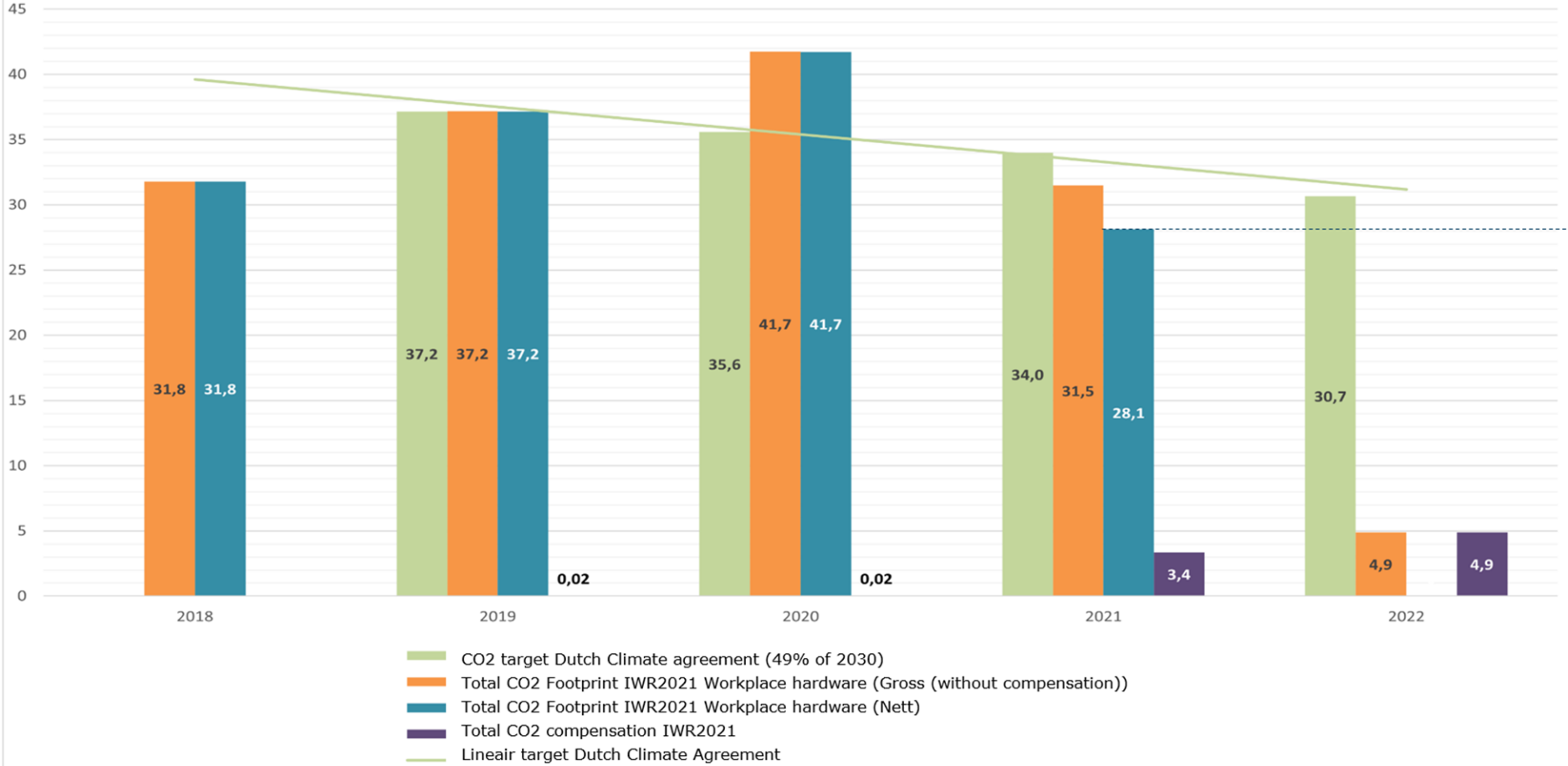
- Renewable Energy Factor (REF) 1 (100% renewable)
- Renewable Energy minimum of 50% from Dutch origin
- dPUE maximum of 1.5

New Award criteria

- 'Near Term' and 'Net Zero' targets based on verification by Science Based Targets Initiative
- Climate neutral business operations
- Datacenter renewable energy 100% Dutch origin with additional points for wind and solar energy
- dPUE maximum of 1.25 or 1.1
- Green hydrogen based emergency power supply DC
- True Pricing Mechanism (Fair CO₂ Price)

Monitoring climate impact

Total Product Carbon Footprint – Workplace hardware 2018-2022



-17%
COMPARED
TO 1990

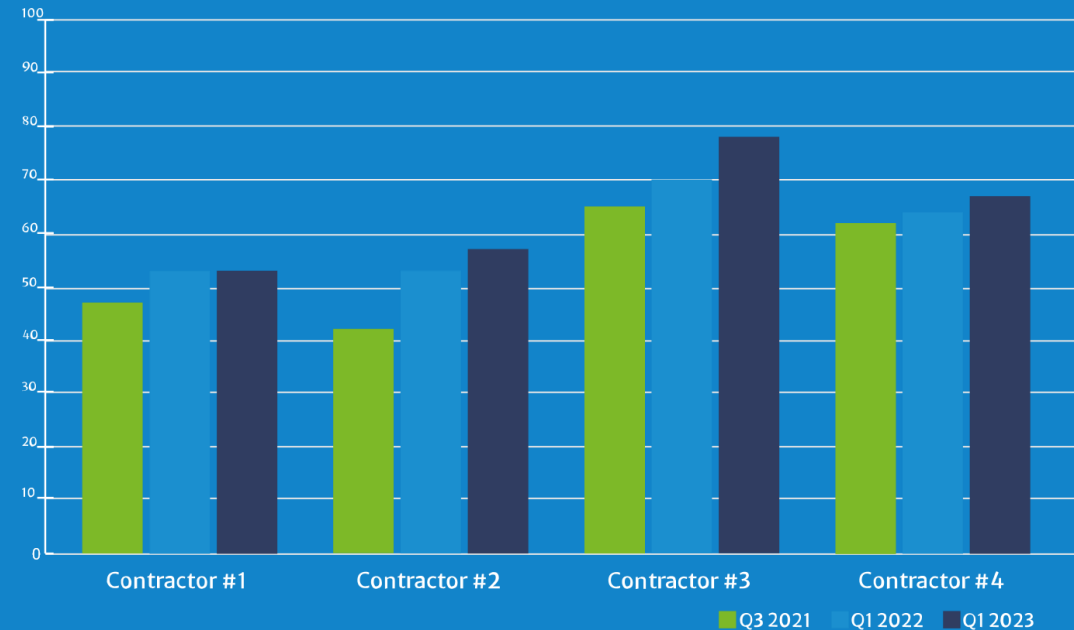
Based on Greenhouse Gas Protocol 'Product Life Cycle Accounting and Reporting Standard' (or equal) incl. raw materials, production, (downstream) transport, 4/5 year use phase and end-of-life.



Impact

- Insight alignment climate targets
- EcoVadis scorecards go up
- General footprint down
- Different information feeds: sustainability is part of common practice in supply chain management (better data, new initiatives)
- Rise of new business models: as a service, re-manufactured;
- Long term goals: 1.5 degrees Celsius (2.7 degrees Fahrenheit) and Net Zero

EcoVadis Score Contractors IWR2021



Thank you!

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*CFIT is an action under the
UN One Planet Network SPP Programme*



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