ASSESSMENT REPORT

EXAMPLE REPORT

This report only shows a subset of the areas that will be evaluated

THIS REPORT

This CIOCO2 Assessment Report is based on your IT-organization's or unit's own evaluation. The aim with this assessment is to gain insights into your baseline when it comes to sustainability within IT and digital practices in your organization or unit.

The results are not meant to determine whether you are doing a good or bad job, but rather show where your organization or unit is already strong and where efforts and resources should be aimed. Your results provide a starting point and are a key to empower sustainable IT practices throughout your organization.

A low degree of maturity is not to be seen as something negative, rather something that can create a common view on which conditions prevail for the IT-organization and what needs to be approved. Since the degree of maturity varies between areas in your IT-organization, the report will reflect your current state and give you an idea of where to initiate your next step.

More information and source references are available at https://cioco2.com/toolbox

How to read your report

The report covers eight areas: Energy, Hardware, Cloud, Storage, Communication, Workplace, Software Development and New Tech & Innovation.

Each area is evaluated from 3 aspects:

- Governance & Policy
- Process & Tools
- Culture & Organization

and from 2 perspectives for each aspect:

- Internal perspective relates to activities inside your IT-organization or unit
- External perspective relates to activities towards external parts outside your IT-organization or unit, for instance IT and tech providers

The degree of maturity is measured in 4 levels: Not started, Exist to some degree, Fully established and Continuously improved.

Each level score a value: 1, 3, 6, 9

ASPECTS IN FOCUS

Governance & Policy

This section takes into account what policies, guidelines and reporting structure you have in place. These are essential to build a strategy that is coherent and resilient - and ensure that sustainability impregnates the everyday work being done.

Processes & Tools

This section takes into account all the processes and tools that are in place in order to support yourselves or your suppliers/customer to be as sustainable as possible within the area.

Culture & Organization

This section takes into account how daily work is done throughout the organization. Organizational culture ingrained with sustainability creates committed and engaged employees. This section covers to what degree employees as well as top management is educated and committed to the environmental impact the organization has overall.

DISCLAIMER

By using the service CIOCO2 Digital Assessment and downloading the report, you acknowledge that NOX Consulting AB is not liable for the accuracy or correctness of the data entered.

By using the service, you also acknowledge that the person generating the report has the authority to represent the company and understand that NOX Consulting AB is not liable for any consequences or damages resulting from the use of the generated result.

1. Energy 

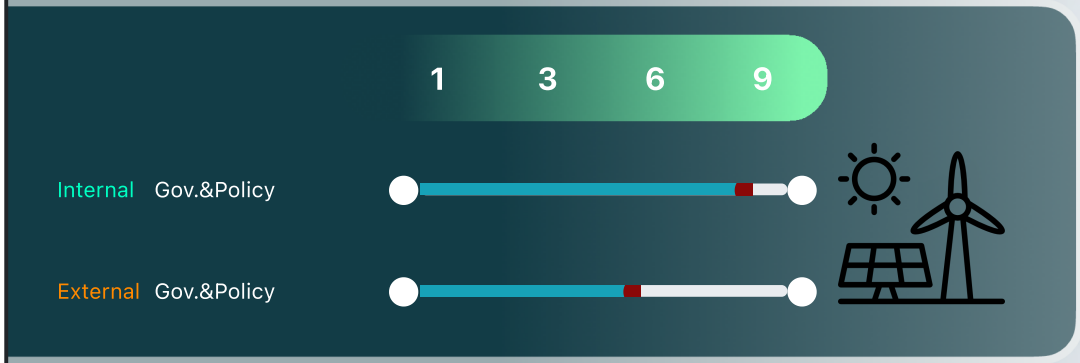
One of the ICT industries most important areas to address in the quest to become more sustainable, is energy consumption. The ICT industry stands for approximately 10% of European energy consumption. Therefore, it is crucial for businesses to understand the energy consumption of their IT. What kind of energy is being used, in what capacity and at what time? There is a huge difference between countries' energy source mix. Even if Nordic countries have good access to green electricity, we should keep in mind that modern societies increased electrification will put pressure on our electricity supply system.

Another interesting fact is that if the ICT industry only used fossil free energy, we could lower our carbon footprint by 80%. However, since we don't have access to unlimited fossil free energy, all businesses should consider how to optimize or lower their electricity consumption -and how they can have a positive impact on the supply of green electricity in society overall. If you get your energy from a supplier, you might also consider which demands and guidelines you have in place regarding energy optimization, and how to develop a continuous dialogue with your supplier to ensure and encourage their commitment to relevant sustainability aspects.

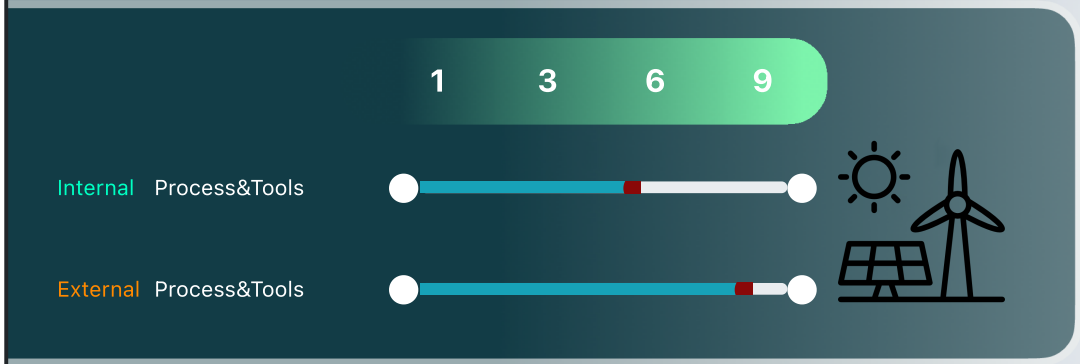
Questions to ask your organization...

- Do you have policies or guidelines for energy usage in your IT organization?
- Do you measure the amount of energy consumed by your IT organization?
- Is there an awareness of energy usage in the IT organization?

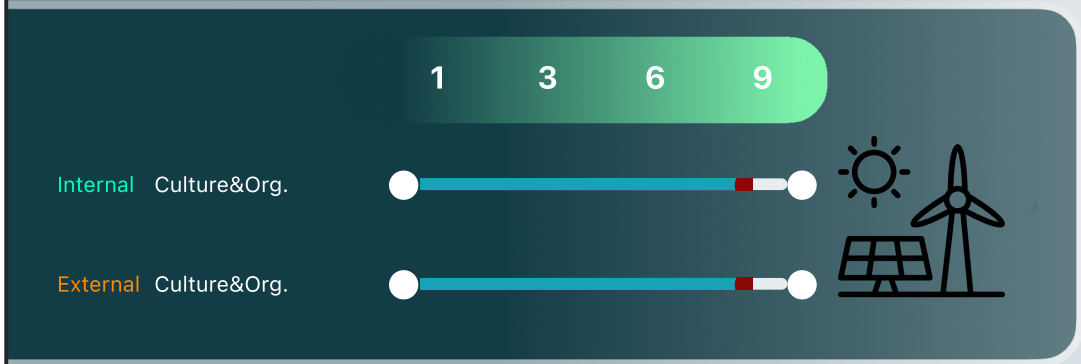
Energy



7.5 Gov.&Policy



7.0 Process&Tools



9.0 Culture&Org.

23.5 / 27.0

2. Cloud

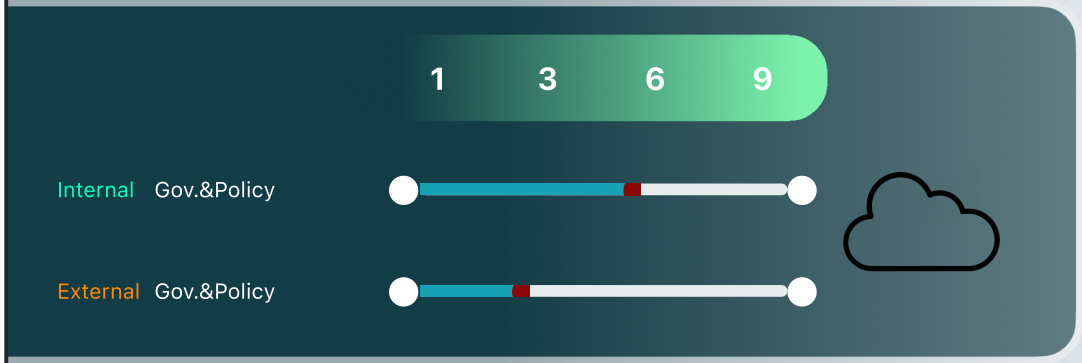
Data is often referred to as the “new gold”. At the same time as we tend to collect and accumulate data over time, reflecting on the impacts of unlimited data gathering needs to be a part of the process. We seldom perform data cleaning activities within our organizations, and therefore the amount of data that needs to run and be backuped grows exponentially. The abstract nature of “the cloud” can make its impacts on sustainability issues hard to grasp. In reality, it basically means that instead of locally installing your own servers, data is stored in a center together with servers that contain data from other clients.

Therefore, it is essential to choose a cloud supplier that uses renewable energy in an efficient way. The cloud has several ecological and economical benefits, but it’s abstract nature can make us hide and forget unnecessary amounts of data. It can be helpful to have recurring data clearing activities, where the organization is encouraged to remove data and files that no longer serve a purpose. It’s important to select data centers powered by renewable energy sources or that are located in regions with a low-carbon grid mix.

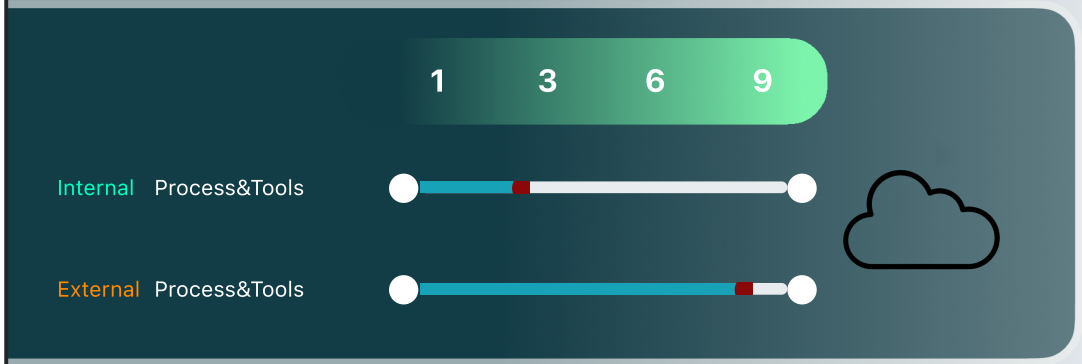
Questions to ask your organization...

- Do you have policies or guidelines for the use of cloud service providers that include a sustainability perspective?
- Do you have sustainability-related requirements regarding the cloud service providers used by your IT and tech providers?
- Is there awareness within the organization regarding the environmental impact of cloud service providers?

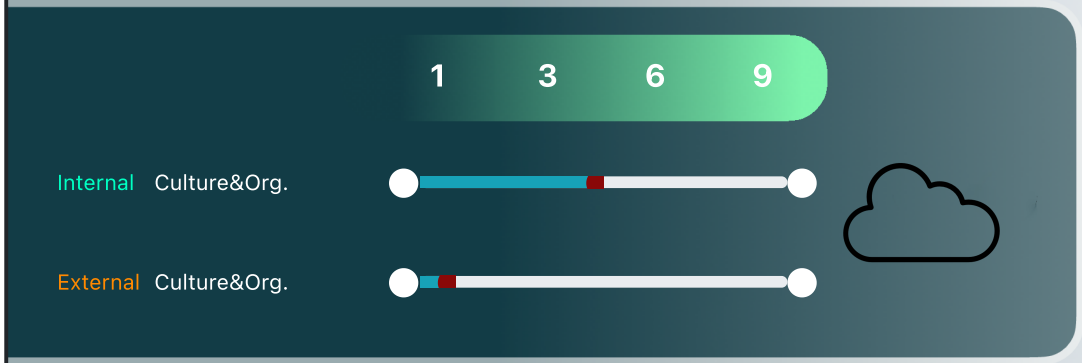
Cloud



4.5 Gov.&Policy



5.0 Process&Tools



4.0 Culture&Org.

13.5 / 27.0

3. Hardware 

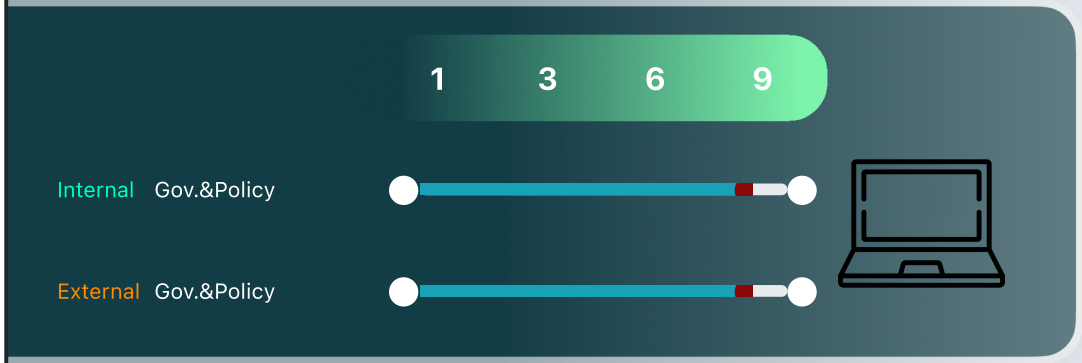
The manufacturing, including mining for minerals and raw materials, and the disposal of hardware components generate significant carbon emissions which has a huge negative impact on the environment. For instance, when producing a laptop weighing 2 kilo a total of 1200 kilos of waste is generated. Every year, 57 billion tons of e-waste, electronic trash, is produced and thrown away. This amounts to the weight of all the stones in the Great wall of China. This highlights why hardware is one of the most critical areas to tackle in the ICT sector in order to become sustainable.

By maximizing the lifecycle of hardware units, reusing and recycling, businesses can decrease their environmental impact significantly. This requires building a circularity-first-culture where refurbishment can be a valued option over always choosing newness in hardware units. Another important part to look at is the policies regarding hardware as well as your requirements towards your suppliers. By using fewer physical devices, organizations can help mitigate their ecological footprint and promote a greener approach.

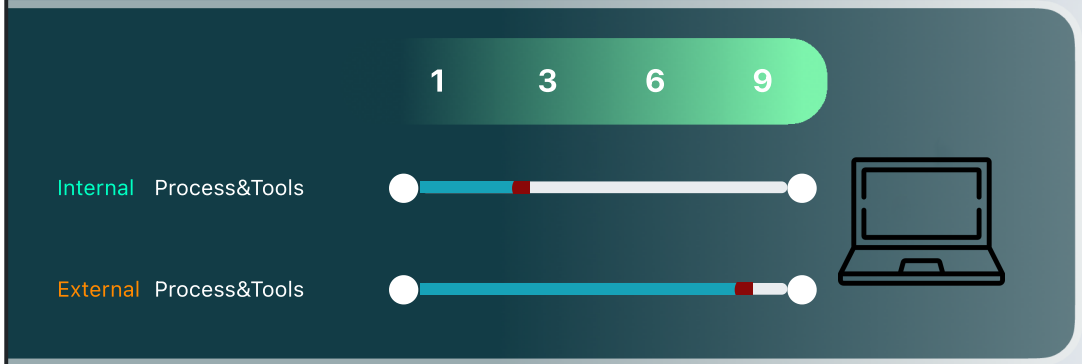
Questions to ask your organization...

- Do you have policies that include a sustainability perspective when purchasing and managing hardware?
- Do you have processes for continuously reducing hardware usage?
- Is there awareness within the organization regarding the environmental impact of hardware usage?

Hardware



9.0 Gov.&Policy



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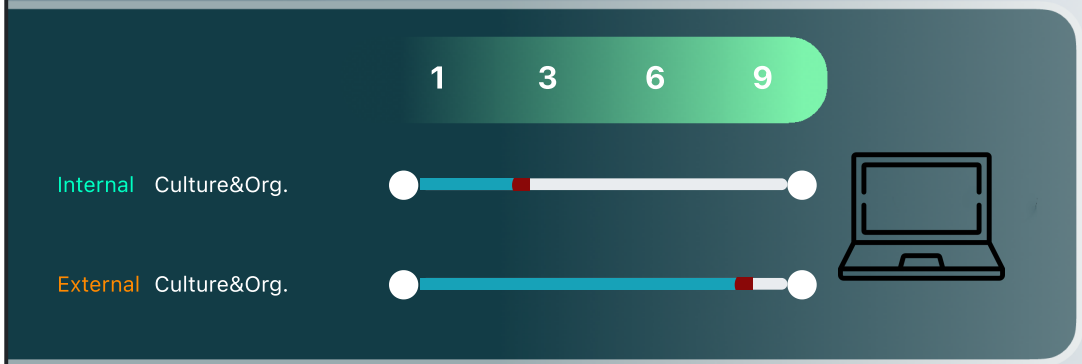


4.5 Culture&Org.

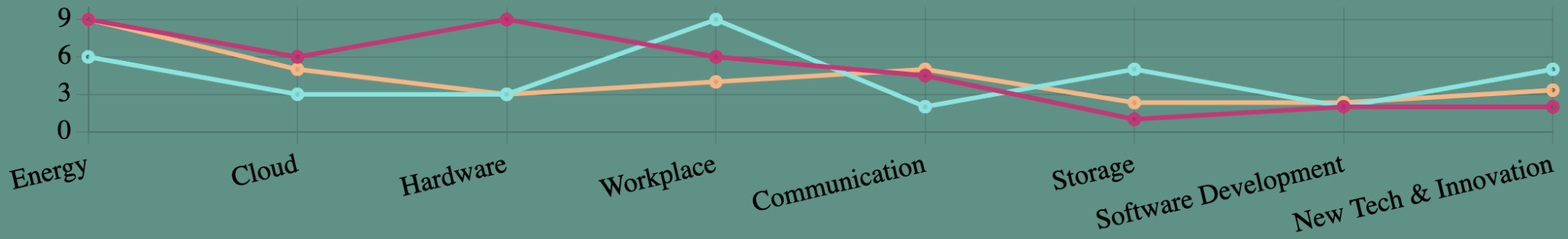
18.5 / 27.0

RESULTS AND OBSERVATIONS

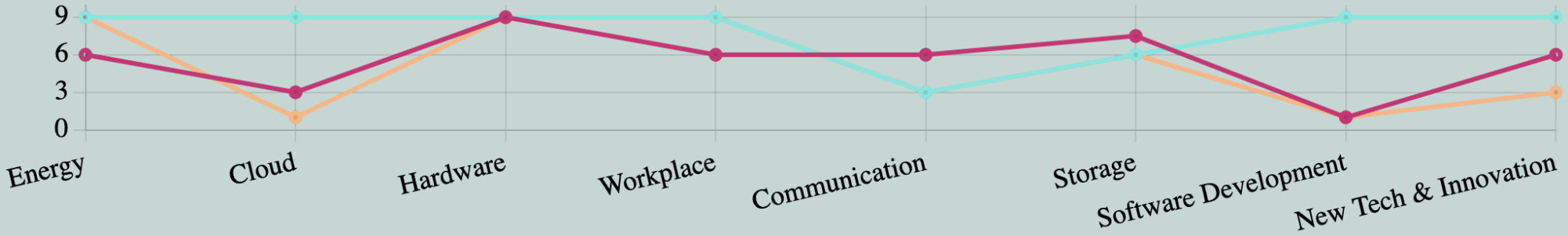
LOOKING AT PERSPECTIVES...

GOVERNANCE & POLICY
PROCESS & TOOLS
CULTURE & ORGANIZATIONS

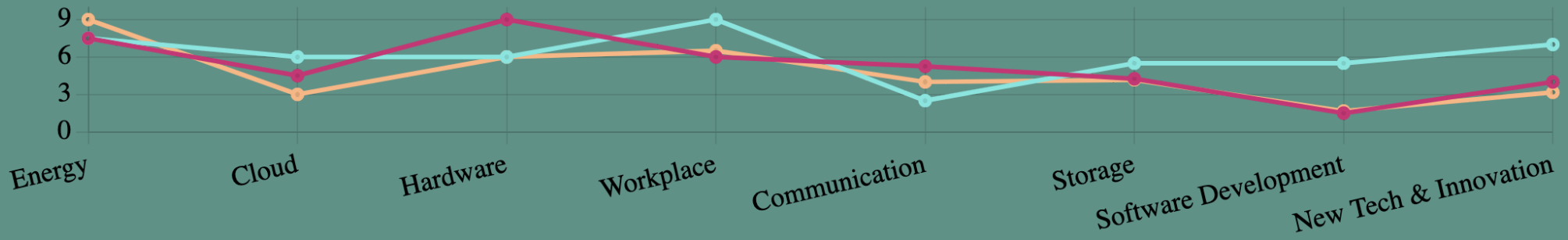
INTERNAL PERSPECTIVE



EXTERNAL PERSPECTIVE

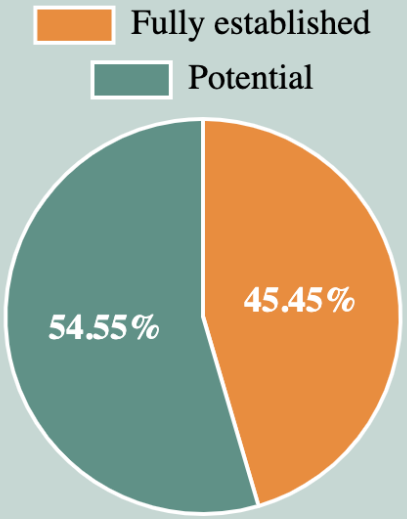


TOTAL

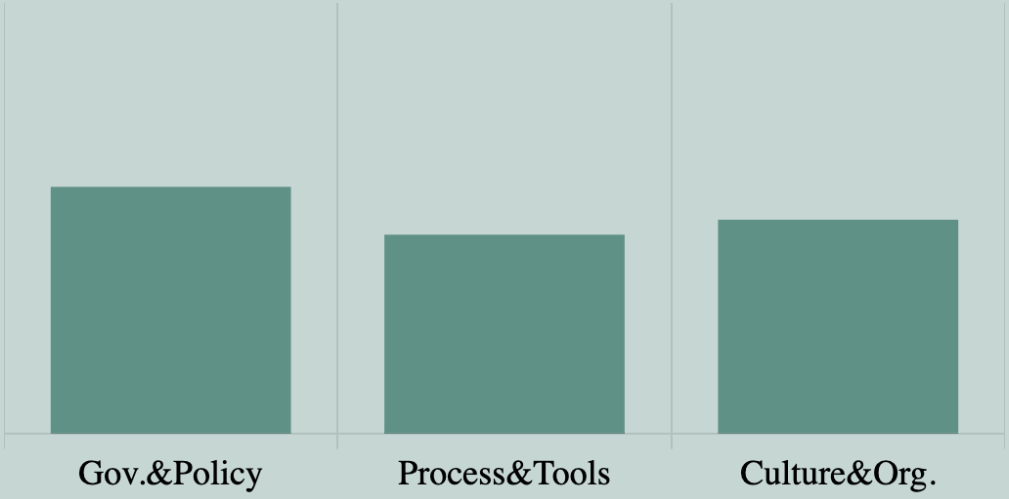


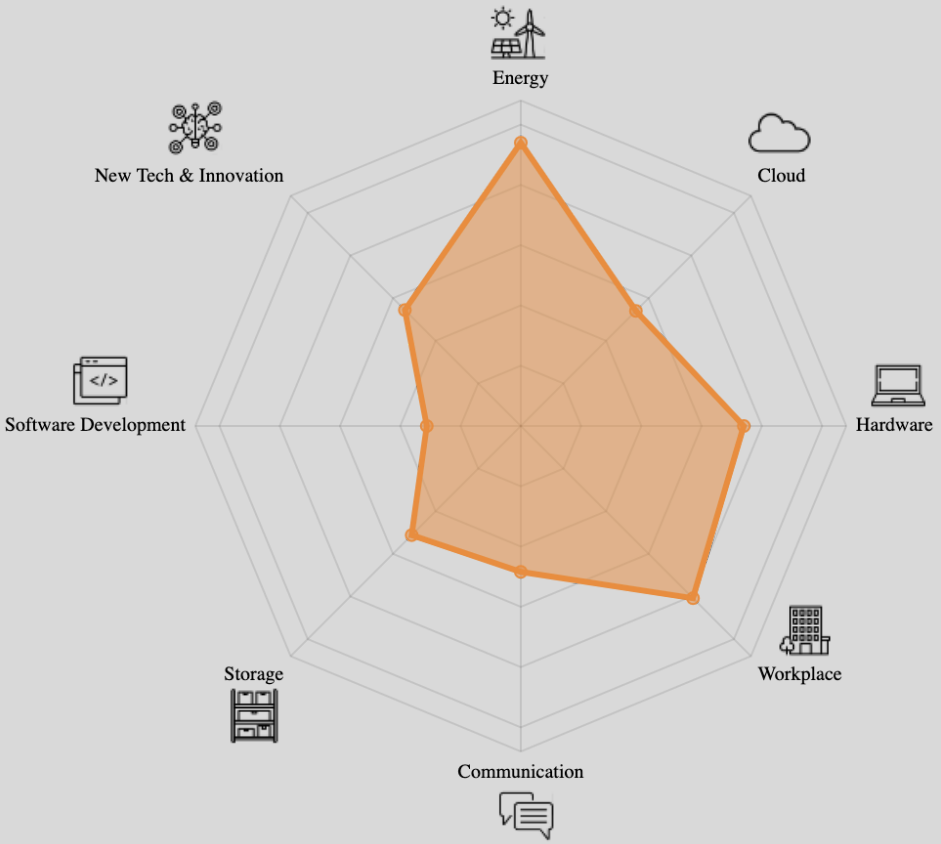
RESULT

FULLY ESTABLISHED/POTENTIAL



STRENGTH





THE CIOCO2 ASSESSMENT HAS BEEN CONDUCTED BY NOX CONSULTING AB, FOUNDER OF THE CIOCO2 INITIATIVE.

The goal of the initiative is to provide insight into IT organizations climate footprint, as well as the broader environmental impact of IT, and highlight the importance of incorporating sustainability aspects into all IT-related decisions.

This report is intended to serve as a foundation to understand your organization's baseline and maturity level within the area, and give a view on where to focus future sustainability efforts within IT. The metrics in this report have been developed in collaboration with researchers and experts in the IT and sustainability fields.

The metrics are based on more traditional maturity assessment models, but have been adopted to identified areas in this report. Read more at www.cioco2.com