



Turku UAS' procurement policy for reducing carbon emissions



Goal

Finland

Finland aims to be carbon neutral by 2035.

In Finland, public procurements are made with approx. 47 billion euros every year. Thus, low-carbon procurements have a large impact on reaching the climate objectives.

The Ministry of Finance has imposed the medium-term plan titled ***Vaikuttavat julkiset hankinnat*** (Influential public procurements, Hankinta-Suomi) to formulate a national public procurement strategy.

One of the objectives of the strategy is that Finland is the trailblazer of ecological public procurements. The aim is to support Finland's target of becoming carbon neutral by 2035 and implementing circular economy with public procurements.

Turku UAS

Turku UAS aims to be carbon neutral by 2025.

Turku UAS calculates its carbon footprint every year. The most significant factors which increase the carbon footprint are related to properties, travelling and procurements.

In 2021, the emissions from procurements made up 60% of Turku UAS' entire carbon footprint. The emissions include e.g. the following procurements:

- equipment, furniture and furnishing procurements
- expert service procurements
- catering procurements
- marketing-related procurements
- chemical procurements

Low-carbon and emission-free procurements can take Turku UAS towards the goal of being carbon neutral.

An aerial photograph of a dense forest with vibrant green foliage. In the top-left corner, there is a yellow arrow pointing downwards, containing the word "Goal".

Goal

Procurements

With procurements, we support Turku University of Applied Sciences' objective to be carbon neutral by 2025.

Low-carbon public procurements refer to public service and goods procurements and building contracts which produce the lowest possible amount of greenhouse gas emissions during their life cycle. They can be implemented by directly procuring a low-emission solution from the market or by setting criteria which promote a low level of emissions in the competitive tendering process.

Source:

Keino, Kestävien ja Innovatiivisten julkisten hankintojen verkostomainen osaamiskeskus

Towards being low-carbon with procurements

- **Stage 1:** Objectives of the procurements
- **Stage 2:** Recognizing the low-carbon potential of procurements in different categories
- **Stage 3:** Competitive tendering of the procurement and the related low-carbon factors
- **Stage 4:** Prognosis on the results of the procurement contract
- **Stage 5:** Monitoring the contract and cooperation
- **Stage 6:** Confirmed impact

Source: [Vähähiilisten hankintojen pelikirja](#)

Keino, Kestävien ja Innovatiivisten julkisten hankintojen verkostomainen osaamiskeskus



Measures to be
implemented
immediately



Procurements according to the principles of circular economy

- We favour the most low-carbon products and services.
- Whenever possible, we consider the costs and carbon emissions during the life cycle of the product or service.
- We aim to comply with the principles of circular economy.



Utilization of used goods

- At the planning stage of the procurement, we establish the necessity of the procurement: we find out whether Turku UAS already has the needed goods or services or whether we can meet the need by repairing existing goods.
- In principle, we favour used and repaired goods whenever possible.
- We map opportunities and operations models to procure used goods. After having found the operations model, we record the procurement rules and principles and instructions for the staff.

Prolonging the life cycle of purchased goods

- In procurements, we favour long guarantee periods and find out repair opportunities and the availability of spare parts if it is possible and economically sensible in terms of the procurement in question.
- In procurements, we find out whenever possible whether the procurement can be made according to the *Product as a Service* model. In this case, instead of goods, we procure the output itself (printer vs. printout) and the supplier takes care of that the products themselves are in good condition and will be reused. The carbon footprint of the Product as a Service model shall be as low as possible or completely carbon-free. *



Considering and compensating emissions

- Whenever possible, we will consider in the market mapping and include in the invitations to tender existing sustainable development criteria which guide the procurement to a more low-carbon direction. For example, the [EU Green Public Procurements, GPP-criteria](#) are available for e.g. computers and furniture.
- In case all emissions cannot be avoided, we plan and create the framework (together with the work on sustainable development and responsibility) for how the emissions from procurements can be compensated creditably and profitably.

Measures, the preparation of which will be started in 2023

(A more detailed schedule for the measures will be planned along with preparing the roadmap for procurements, as a part of the work of Turku UAS' carbon footprint team included in the work on sustainable development and responsibility)

2023



Communications, development and monitoring

- We communicate regularly to the staff how procurements aim to decrease our carbon footprint and on the other hand how we also compensate the carbon emissions of our procurements.
- We link Turku UAS' RDI projects and theses to reducing emissions with procurements.
- We participate in the sustainability working group of Hankinta-Suomi and will immediately introduce the lessons learned in our procurement procedures.
- We create a monitoring model with indicators for the procurement policy.

2023

Hansel's Hankintapulssi and procurement categories

- We examine the introduction of Hansel's Hankintapulssi (or other equivalent tool) to support the direction of Turku UAS' procurements. We promote the automatization of calculating the carbon footprint in terms of procurements.
- We identify procurement categories with which we can have a significant impact on reducing Turku UAS' carbon footprint.
- The categorization is based on Turku UAS' carbon footprint calculation, which is calculated with ARENE's model.

2023

Procurement guidelines and cooperation

- We create procurement guidelines and instructions for the most important procurement categories. We examine the low-carbon alternatives and solutions on the market.
- We examine Hansel's contracts from the low-carbon perspective and cooperate with Hansel to be able to minimize emissions in upcoming joint procurement contracts.
- We use procurement criteria which promote low-carbon procurements when carrying out mini-competitions within Hansel's framework arrangements for Turku UAS' customer-specific agreements.