

Environmental considerations in procurement

General matters

LUT Universities takes environmental responsibility into consideration in all of its activity: scientific research, academic education, societal interaction, and support services. Procurement plays an important part in creating the university's environmental footprint. Therefore, environmental aspects are taken into consideration in the procurement of equipment, office supplies and stationery, construction, etc. whenever possible. Below are some of the most typical ways to take the environment into account in different types of procurement.

Research equipment

Before new equipment is purchased, the possibility to utilise the possible previous device e.g. for spare parts must be explored. The purchaser should also find out what used devices are on the market.

Tender calls for new equipment may set requirements for e.g. the following environmental aspects:

- Energy consumption (e.g. "the tender must present the device's energy consumption in kWh per operating hour", "the maximum energy consumption in normal use may be xxx kWh/operating hour")
- Water consumption (e.g. "cooling capacity in kW if cooling is required" or "closed loop water system required")
- Life cycle (warranty terms, spare part guarantee)
- Maintenance services

Services

Tender calls for services may set requirements for e.g. the following environmental aspects:

- Possibility for remote services (e.g. video meetings through Teams)
- Service provider's report on its own environmental actions
- Products or materials utilised in service provision (ecological materials, minimisation of waste and disposable materials)
- Electronic documents (e.g. invoices, results of the work)

Hansel framework arrangements

LUT universities use Hansel's framework agreements in their procurement. In its own framework competition, Hansel has already taken into account environmental criteria (see the [Hansel website](#) for further information). In a simplified tendering process, the university may impose stricter criteria or requirements on top of these criteria.

Material related to environmental considerations

[Kriteeripankki](#) website offers guidance related to sustainable public procurement. The website provides useful guidelines for formulating environmental and energy efficiency criteria.