

green procurement policy

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essentials

Akelius procures components, materials, and services in a sustainable and honorable way.

The company integrates sustainability into the business model and throughout every aspect of the daily work.

Akelius follows environmental, social and governance factors when procuring goods and services.

prioritize green supply chain practices

Akelius works towards a green supply chain to reduce environmental impact and promote sustainable practices.

energy utilities

Akelius' sustainability policy suggests renewable energy, energy efficiency, sophisticated data and supply security.

Akelius prefers suppliers with a documented and certified renewable energy share of hundred percent for electricity.

A green natural gas option should be considered only if financially feasible.

Oil as a primary source has been removed from the whole Akelius portfolio.

Oil as a backup system in the US should gradually be replaced by greener sources.

If an energy broker is contracted, Akelius must drive the key sustainability criteria.

Akelius always benchmarks a minimum of three competing suppliers.

The company protects its position in global commodity markets by not

- going blindly with a broker

- contracting more than two years

Akelius requests invoice's transparency.

goods and services

plumbing fixtures and sanitary appliances

When procuring plumbing fixtures and sanitary appliances, the product needs to be compliant with at least one of the labels

- EPA WaterSense label, United States and Canada
- European Water Label, EU

The product should also

- be compliant with major green building rating systems
- have a comparably low water storage capacity
- include a water saving or economy mode

appliances

Appliances need to be compliant with the latest EU or North American regulations.

In the US and Canada, fridges, dishwashers, washing machines and dryers must be Energy Star certified.

EU specified ratings for appliances are listed below

- fridges, fridge-freezers, freezers, E rating
- washing machines, B rating
- dishwashers, D rating
- washer-dryers, dryers, D-D ratings

When applicable, appliances should feature

- visible display temperature in °F and °C instead of only levels
- an energy saving or economy mode

refrigerant-containing appliances

Household appliances including air conditioners, refrigerators, freezers, and dehumidifiers need to contain refrigerants with

- non-use of Chlorofluorocarbon, CFC
- ozone depleting potential, ODP, of zero
- global warming potential, GWP, of less than fifty

Refrigerants with lower global warming potential ,GWP, for refrigerators include R-600a and R-441A.

For any of products mentioned above, if available, include Environmental Product Declaration, EPD, certified by a third party.

materials and components

Akelius aims to avoid the use of products and construction materials that contain hazardous chemicals and toxic emissions utilized in the company's processes.

Akelius is committed to using materials that are responsibly extracted and sourced.

chemical substances

Use components and construction materials that exclude or minimize hazardous chemical substances compliant with

- REACH optimization
- Global Green TAG PHD report

low emitting materials

Use components and materials on the building interior that meet the low-emitting criteria explain below

- uses ultra-low-emitting formaldehyde, ULEF – resins, according to CARB requirements
- meets requirements of CDPH Standard, 2010, or approved European Union equivalent for volatile organic compounds, VOC content

sourcing

Use, when possible, wood products that are certified by either

- Forest Stewardship Council, FSC
- Programme for the Endorsement of Forest Certification, PEFC

definitions

components and construction materials

Components and construction materials are products used in Akelius for

- upgrading
- maintenance
- new construction

responsibilities

Suppliers must comply with Akelius' standards.

Akelius requires suppliers to provide evidence to support the compliance with the standards upon request.