



New criteria for Nordic Swan Ecolabelled Non-rechargeable Portable Batteries



Agenda

- Introduction to the Nordic Swan Ecolabel with market insights
- Nordic swan ecolabelling processes
- New criteria for non-rechargeable portable batteries
- Application process – for renewal of license and new application



Hard to get.
Easy to choose.



67%
say that non-food
grocery products are
relevant for them





77%

of them think it's
important to choose
environmentally friendly
non-food grocery
products.



86%

of them would rather
choose a Nordic Swan
Ecolabelled non-food
grocery product

0 of 10

Trust that a product does not contain health or environmentally harmful substances if it is labelled with the Nordic Swan Ecolabel.





80%

of the Nordic consumers want the public sector to prioritize environmental labelling in procurement

Public procurement

Sweden 2023*

1009
billion SEK

How can these become “greener”?

We guide

We support

We motivate

Public procurers are increasingly looking for ecolabelled products

The Nordic Swan Ecolabel procurement support

- SE: [Så får ni ut det mesta av er licens vid offentlig upphandling
Inköp & upphandling – så ställer du krav på miljömärkning | Svanen](#)
- NO: [Grønne anskaffelser - Svanemerket](#)
- DK: [Sådan bruger du Svanemærket i offentlige indkøb og udbud](#)
- FI: [Julkiset hankinnat ja ympäristömerkit - Joutsenmerkki](#)
- IS: [Svanurinn – Norræna umhverfismerkið](#)

Green Deal & Clean Industrial Deal

EU strategy for the Green Transition



The Nordic Swan Ecolabels position in EU Green Deal

Established that official Type 1 eco-labels play an important role in sustainability communication.





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The Nordic Swan Ecolabel is very easy to communicate, it has a high level of credibility and is something that our customers are familiar with.

Anna Strindberg, Sustainability & Compliance Manager Clas Ohlsson

Type 1 ecolabel (according to the ISO 14024 standard)

The official ecolabel of the Nordic countries





40000

Nordic Swan Ecolabelled products and services



Many companies and brands offers The Nordic Swan Ecolabel



ICA

Libero[®]



RUSTA[®]

DURACELL



Energizer



VARTA



ÄNGLAMARK



97%

of Nordic consumers
recognize the Nordic
Swan Ecolabel

81%

trust that a Nordic Swan
Ecolabelled product is a
good choice for the
environment

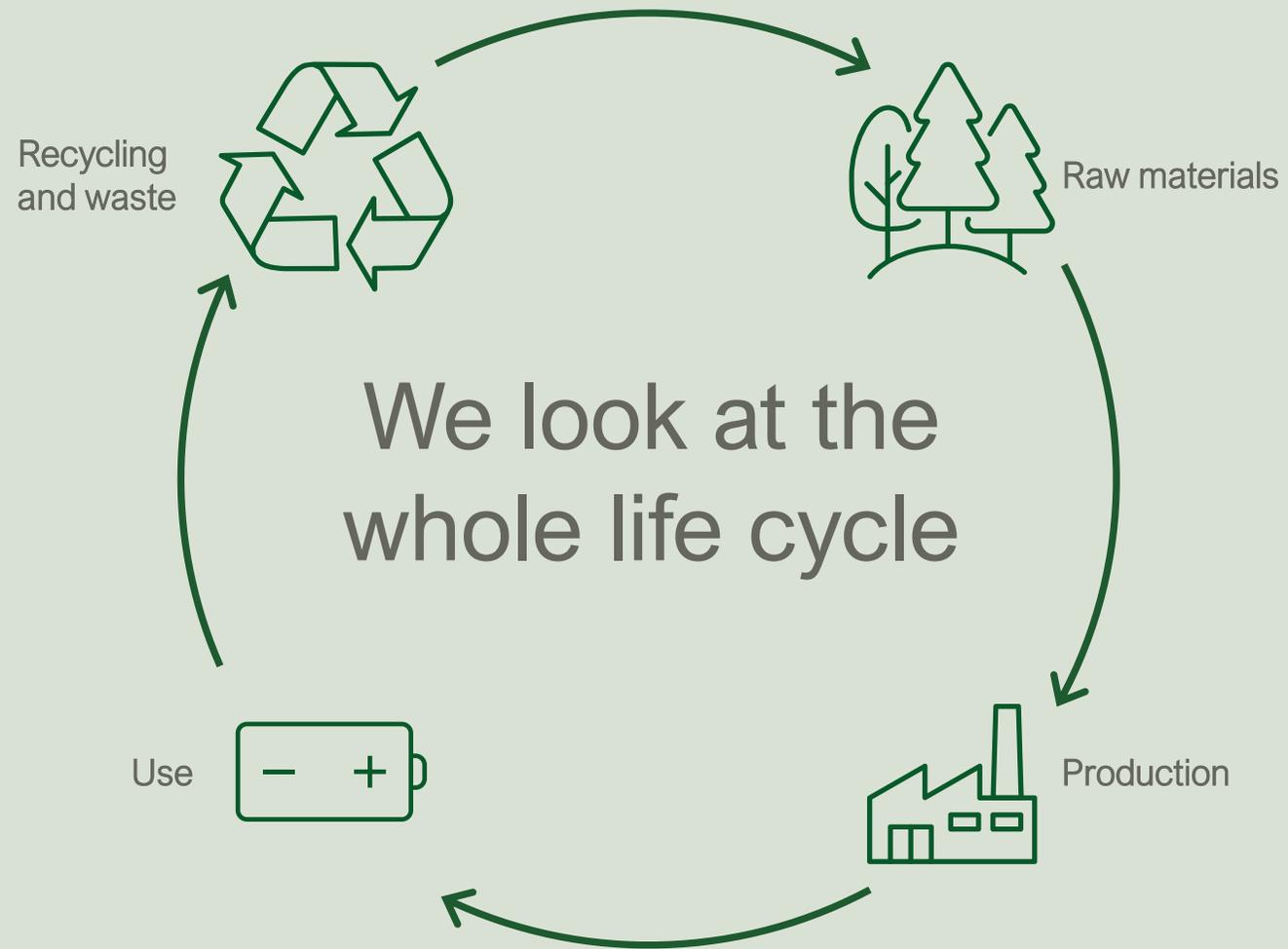


You are given
the right to use
the Nordic
Swan Ecolabel





Our goal is to move entire
industries in a more
sustainable direction



You can trust the Nordic Swan Ecolabel

The Swan is a Type 1 ecolabel



This means that we comply with an official ISO standard 14024 which requires us to be independent, that our requirements are transparent and available to all, that the requirements are tightened and have a life cycle perspective.

Independent & non-profit



The Swan is the Nordic's official environmental label and works on behalf of the five Nordic governments. The Swan's requirements are decided by an independent Nordic environmental labelling board.

Holistic & life-cycle perspective



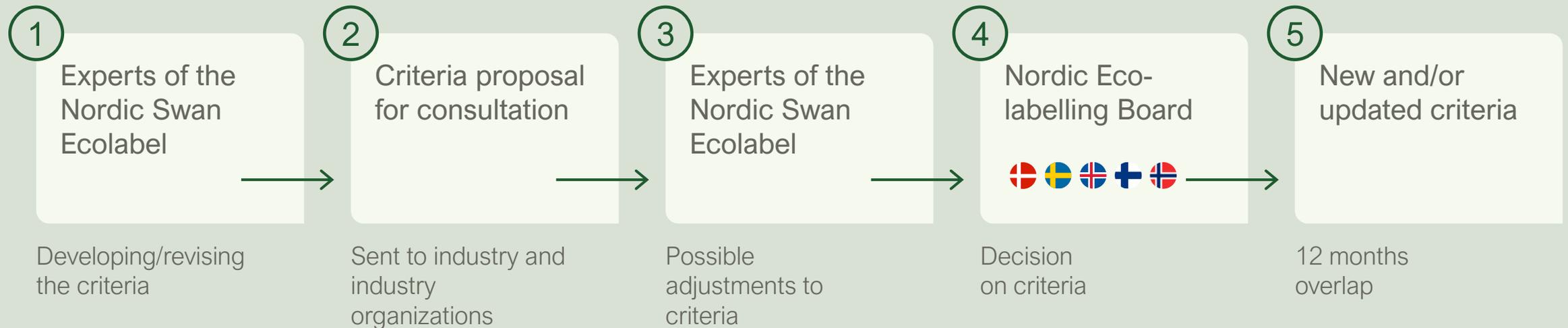
The Swan's requirements are based on a life cycle perspective. We assess the environmental impact on everything from raw materials and manufacturing to use and, for example, whether it can be recycled or how the waste is handled.

Time-limited criteria



We evaluate the Swan's requirements after 3-4 years and tighten the requirements after 5 years, with new knowledge from researchers, independent experts and companies that lead sustainability development in their industries.

How does it work when the Nordic Swan Ecolabel's criteria are developed or updated?





Criteria for 001 Non-rechargeable Portable Batteries



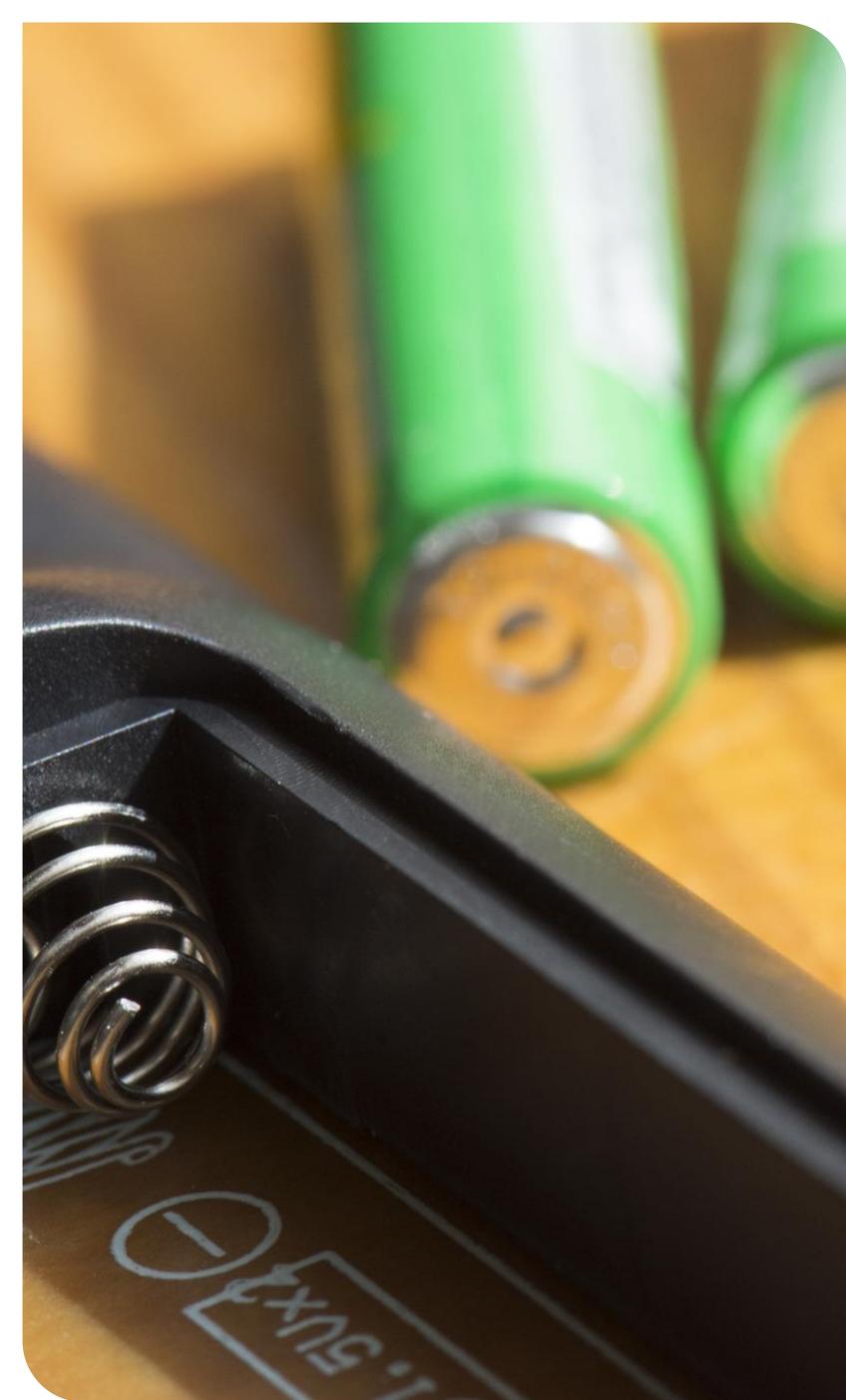
What can be Nordic Swan Ecolabelled?

The product group comprises of Non-rechargeable portable batteries in accordance with the definition given in the European Union's Battery Regulation (EU) 2023/1542., for example:

- ✓ Household batteries in different dimensions (LR14, LR6, LR03 etc.)

The following batteries and electrical appliances cannot ecolabelled according to these criteria:

- ✓ Rechargeable batteries
- ✓ Batteries built into electronic products
- ✓ Batteries for cars, LMT and industries



Environmental benefits for non-rechargeable portable batteries

- ✓ Manufactured by at least 10% renewable self-generated or greenfield PPA electricity
- ✓ No fossil oil or coal in the production
- ✓ Meet quality standards
- ✓ Low levels of mercury, cadmium and lead
- ✓ Do not contain PVC and have no added PFAS
- ✓ Contain responsibly sourced mineral raw materials

Focus areas for revision of the criteria



To promote the use of renewable energy sources and limit the use of fossil fuels in the production of batteries.



To ensure that the mineral raw materials are sourced and manufactured with the least environmental load as possible.



To update the requirement on excluded substances to ensure that consumers are not exposed to harmful substances in the use stage.

Criteria – 16 mandatory requirements

Production and product description (1)

1. Description of the product

Resources (2)

2. Metal content
3. Excluded substances

Packaging and information (2)

4. Labels and packaging
5. Consumer information

Corporate social responsibility (2)

6. Responsible sourcing of mineral raw materials
7. Working conditions

Electrical testing (3)

8. Electrical testing
9. Delayed discharge performance (shelf life)
10. Lithium batteries, safety

Waste plan (1)

11. Waste sorting in the production process

Energy in production (3)

12. Energy consumption
13. Energy source – fossil fuels
14. Renewable electricity

Licence maintenance (2)

15. Customer complaints
16. Traceability

New requirements

Production and product description (1)

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Changed requirements

Production and product description (1)

1. Description of the product

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2. Metal content
3. Excluded substances

Packaging and information (2)

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Corporate social responsibility (1)

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Deep dive **new requirements** for energy in production

Energy source – fossil fuels (O13)

- Fossil oil and coal not allowed.
- Maximum of 15% of the total energy consumption can originate from natural gas.
- If natural gas is used, the applicant must actively work with energy saving according to an energy management system or have undergone an energy audit.

Renewable electricity (O14)

- Minimum 10% of the annual electricity consumption must originate from renewable energy sources.
- Includes self-generated renewable electricity, physical on-site Power Purchase Agreements (PPA) and physical off-site greenfield PPA.
- On-site and greenfield off-site PPA = clear additionality and contribute to the expansion of renewable energy capacity in the market.

Why do we have different requirements for Non-rechargeable batteries and Rechargeable batteries?

Rechargeable batteries and power banks

1. Possibility to strengthen the requirements of performance
2. Add a requirement on recycled content

Non-rechargeable portable batteries

1. Not possible to strengthen requirements on performance
 2. Not possible to introduce requirement on recycled content
- Energy requirement introduced

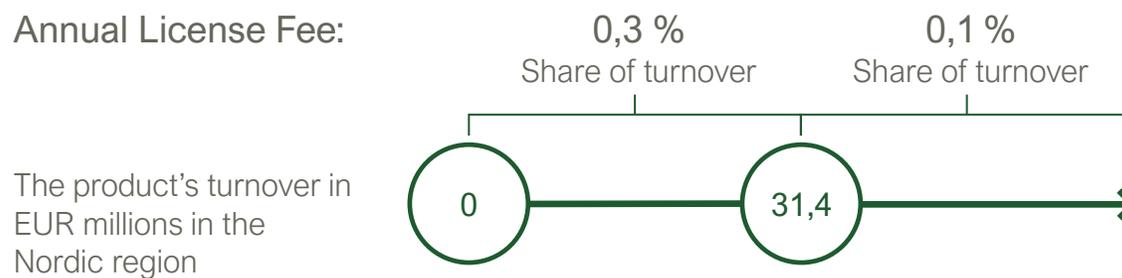
Consultation period for Rechargeable batteries and power banks is open until 9 March 2026

<https://www.nordic-swan-ecolabel.org/criteria-consultations/rechargeable-batteries-and-power-banks-030/>

Fees

Application fee: 3 401 EUR for new, 1 699 EUR for renewal

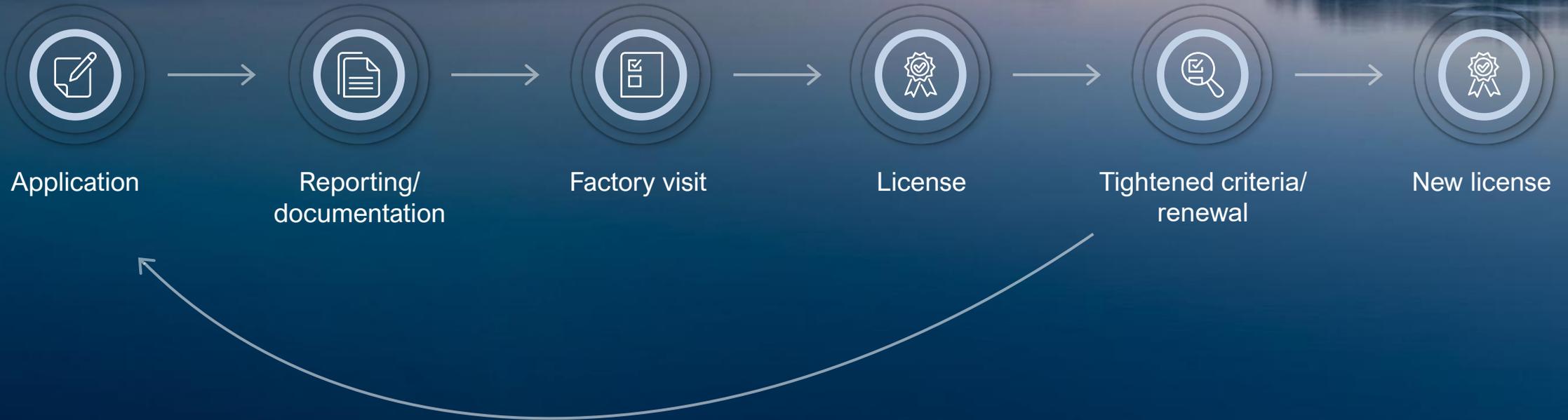
Annual License Fee:



Fixed fee applicable for sales outside the Nordic region: 2 267 EUR

Factory visit outside of the Nordics: 1 699 EUR within Europe, 2 834 EUR outside Europe

The application process



Requirements

*Requirement →
number and header*

Requirement description →

Needed documentation →

O1 Description of the product

The applicant must submit the following information about the product(s):

- Brand and trading name(s).
- Name and contact details of production location(s) for the manufacturer and brand owner(s) of batteries.
- Description of the product(s), detailing all constituent substances present in the battery in the application (weight %); cathode-and anode materials, electrolyte solutions, conductor-, separator- and container materials and other materials.
- Description of materials used in the primary packaging. Primary packaging: refers to the purchase packaging for the consumer, e.g. the packaging that holds the batteries, and which the consumer encounters in sales.
- Description of the manufacturing process for the product, including a general description of the battery manufacturing process e.g. in a form of flow chart and which technology that is being used to produce the batteries.

† Description of the above points. Appendix 1 may be used. A flow chart is recommended to explain the production process.



Start now!

What to think of regarding your documentation

- ✓ Start collecting documentation as soon as possible.
- ✓ Use our writable declarations.
- ✓ Upload everything in the portal, under the correct requirement and with clearly named files.
- ✓ If you use documentation in other languages than Nordic or English, translate the relevant parts.



Start-up meeting

Questions

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