
SUSTAINABILITY CRITERIA IN PUBLIC PROCUREMENT OF MEDICINES

Experiences from national tenders in Denmark
and the joint Nordic tenders

Greener pharmaceuticals: policies for an environmentally sustainable pharmaceutical system

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ENVIRONMENTAL IMPACTS THAT CHALLENGE OUR HEALTH

Higher
temperatures
are spreading
new diseases



Eight billion people means
scarce resources and pressure
on supplies



Adverse impact on rights to
health and a healthy and
sustainable environment



Pharmaceutical residues
lead to increasing
antimicrobial resistance
with 5 million deaths per
year



STRATEGIES FOR A MORE SUSTAINABLE DEVELOPMENT

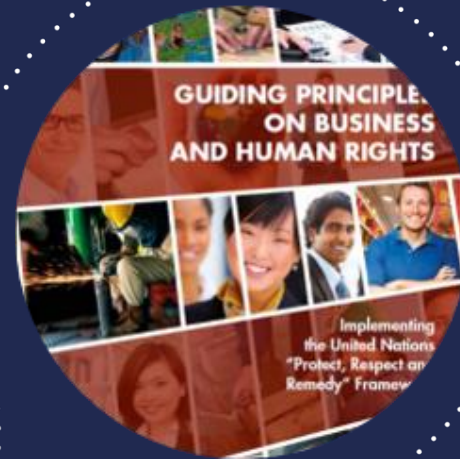
The UN sustainable development goals



The Danish Climate Act



Strategy for Greener Hospitals - Danish Regions



The UN Guiding Principles on Business and Human Rights



HOW WE CAN MAKE A DIFFERENCE



Climate

Reduce energy consumption in supply chain



Responsible Business Conduct

Respect human rights and environment



Circular Economy

Minimize waste by reducing consumption and increasing recycling



Medicine Residues in Wastewater and Antimicrobial Resistance

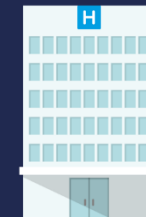
Reduce overuse in treatment and pharmaceutical residues in wastewater



Manufacturing



Distribution and Storage



Prescription and Treatment





AWARD CRITERIA TO COMBAT AMR

ANTIBIOTICS ARE AMONG THE MOST ESSENTIAL MEDICINES HOWEVER, AMR IS A SILENT PANDEMIC

- Antimicrobial resistance (AMR) is one of the top global public health and development threats.
- It is estimated that bacterial AMR was directly responsible for 1.27 million global deaths in 2019 and contributed to 4.95 million deaths (The Lancet).
- Overuse, misuse and pharma residue in waterwater from manufacturing lead to AMR
- Infections are becoming increasingly difficult, if not impossible to treat



WE USE AWARD CRITERIA TO COMBAT AMR



The Nordic countries are developing common criteria to prevent bacterial AMR from manufacturing of antibiotics

The criteria are based on the standard of AMR Industry Alliance and British Standard (BSI)

We prefer criteria based on an international standard – with a certification scheme:

- A request from the suppliers – operating globally
- Reduces administrative burden and transition costs
- Increases quality of documentation



Link to Joint Nordic Tender (Lægemedler nordisk fællesudbud): <https://levportal.amgros.dk/Udbudsoversigt/Sider/Udbud.aspx>

WE REWARD THIRD PARTY THE CERTIFICATION



The Suppliers - formulation and API manufacturer -

- are compliant with the AMRIA Antibiotic Manufacturing standard throughout the supply chain
- have implemented wastewater treatment to achieve the predicted-no-effect concentration (PNEC)
- have standard operating procedure(s) to minimize the amount and concentration of active substance in wastewater
- have standard operating procedure(s) for handling, processing, and depositing waste to eliminate or minimize emissions of active substances into the environment.



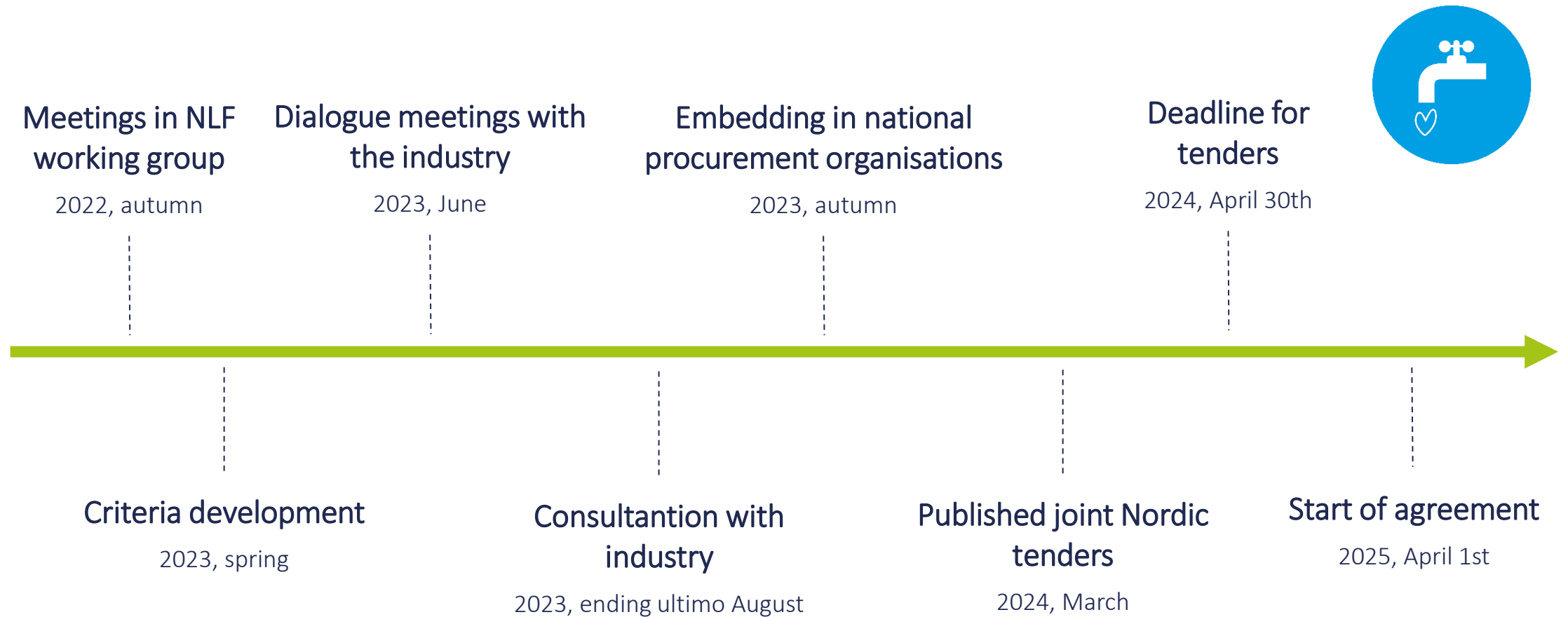
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Criterion A – AMRIA Antibiotic Manufacturing Standard	
Criterion	Information to tenderer
<p>The Supplier is compliant with the AMRIA Antibiotic Manufacturing standard or similar manufacturing standard that combats antibiotic resistance throughout the supply chain.</p> <p>To achieve the highest score, the compliance to the standard this must be certified by an independent third party or the certification process must be initiated.</p>	<p>Enter answer option.</p> <p>The purpose of the criterion is to achieve the least possible environmental impact in the manufacturing processes of the products and to prevent antibiotic resistance as a result of the production of the offered product.</p> <p>Documentation must be provided upon request.</p> <p>Compliance to the AMRIA standard can be evidenced by independent third-party certification, accredited by BSI, through program Antibiotic Resistance Manufacturing certification program by BSI – or similar program/standard. Find more information here.</p> <p>See the standard set by AMRIA and BSI here: https://www.amrindustryalliance.org/antibiotic-manufacturing-standard/</p>

DRAFT

Answer option	
A	The supplier is compliant to AMRIA Antibiotic Manufacturing Standard or similar standard that combats antibiotic resistance throughout the whole supply chain, and this is certified by an independent 3 rd party or certification process has started.
B	The supplier is compliant to AMRIA Antibiotic Manufacturing Standard or similar that combats antibiotic resistance throughout the whole supply chain, but only part of the supply chain is certified by an independent third party or certification process has started. (Specify which part of the supply chain is certified).
C	The supplier is compliant to AMRIA Antibiotic Manufacturing Standard or similar standard that combats antibiotic resistance throughout the whole supply chain, but this has not been certified by an independent third party and no certification process has started.
D	The supplier is compliant to AMRIA Antibiotic Manufacturing Standard in part of the supply chain and this has been certified by a independent third party or certification process has started. (Specify which part)
E	The supplier is compliant to AMRIA Antibiotic Standard in part of the supply chain, but this has not been certified by an independent third party and no certification process has started. (Specify which part)
F	N/A

TIMELINE





WE REDUCE PACKAGING WASTE

Using common environmental award criteria in tenders

WE INCORPORATE PACKAGING CRITERIA INTO OUR TENDERS



Objective:

- Reduce the amount of packaging
- Increase reuse and recycling of packaging
- Increase the share of recycled and bio-based packaging materials.

Why:

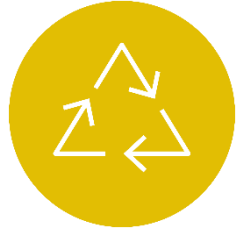
Common requirements across markets - at the request of the suppliers

- Reduces administrative burden
- Ensure quality



<https://www.regioner.dk/rfi/services/rfi-nyheder/2023/oktober/nordiske-kriterier-for-mere-baeredygtig-emballage/>

A 'LIBRARY' OF AWARD CRITERIA



1. Reduce material consumption

- 1.1 Reduce material
- 1.2 Weight and material information
- 1.3 Environmental burden of packaging (Annex A)
- 1.4 Minimize metal use

2. Design for recycling

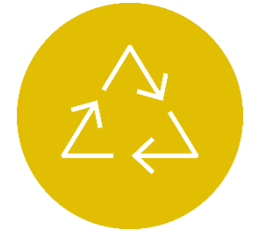
- 2.1 Limit variety of plastic types
- 2.2 Increase recyclability
- 2.3 Document recyclability
- 2.4 Avoid labels that harm recyclability

3. Recycled or sustainably sourced material content

- 3.1 Reduce the environmental burden of plastic packaging material
- 3.2 Avoid deforestation from unsustainable card-board.

EXAMPLE: REDUCE MATERIAL CONSUMPTION

No.	Level	Criteria	Documentation
1.1 <i>Reduce material</i>	Basic	Competition criterion It is considered positive that, at contract start, the proposed packaging has been minimised in terms of weight and volume in accordance with the ten performance criteria in EN 13428 or similar during the contract period.	Completion of Annex A in EN 13428, stating which of the ten performance criteria are met.
	Advanced	Minimum criterion At contract start, the proposed packaging must be minimised in terms of weight and volume in accordance with the ten performance criteria in EN 13428 or similar.	Declaration of conformity with EN 13428.
	Spearhead	-	-



NEXT STEP – REDUCING CARBON FOOTPRINT

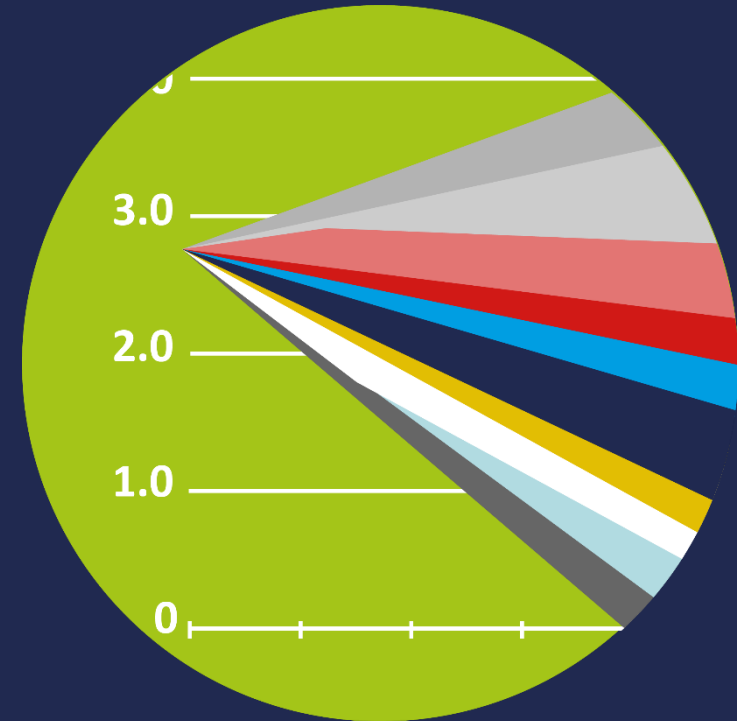


Strategies and pilot projects for carbon reductions (2024-25)

- Environmental award criteria for Last mile transport
- Environmental award criteria for energy efficiency in manufacturing of medicinal products
- A common Nordic / EU pack with e-leaflets

Strategies to prevent AMR

- More buyers will start using award criteria to combat AMR?



THANK YOU

