



Danish Ministry of the Environment
Environmental Protection Agency

Natural Capital Accounting of the Danish Apparel Industry

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1. Why launch this project?

1. Apparel sector is among the most polluting sectors with significant potential of environmental improvements.
2. A strong interest in development of a more sustainable apparel sector.
3. New methods of NCA and increased availability of data on environmental impacts
4. Great deal of interest from the Danish apparel sector on the project idea
5. The project could in the long run support growth, job creation along with environmental protection.



2. Project Frame

The objective: To conduct a natural capital account across three levels of the industry to accelerate sustainable decisions by stakeholders on all levels.

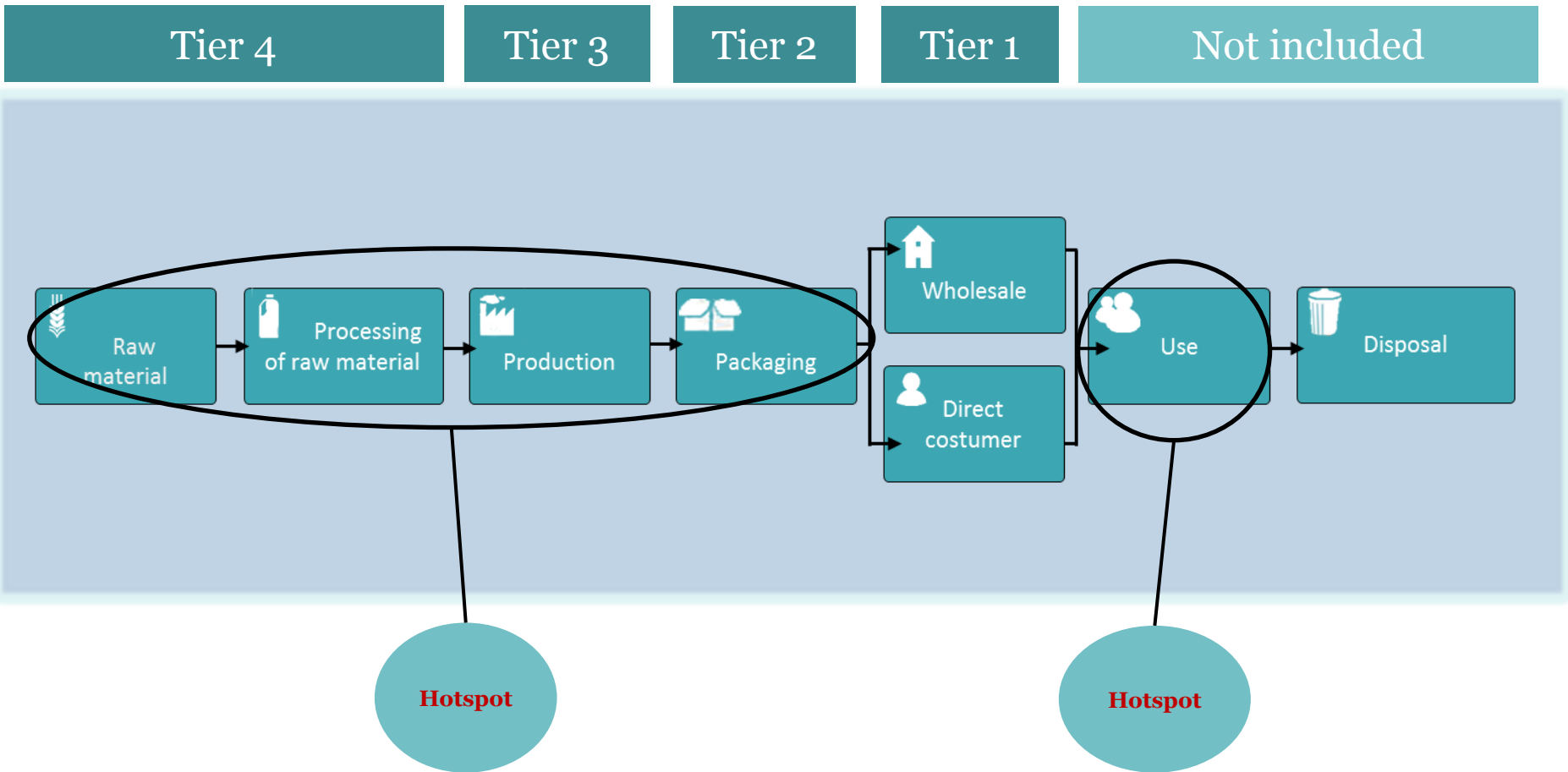
Initiated by the Danish EPA, conducted by NIRAS, Trucost and 2.0LCA

IC Companys as the case company

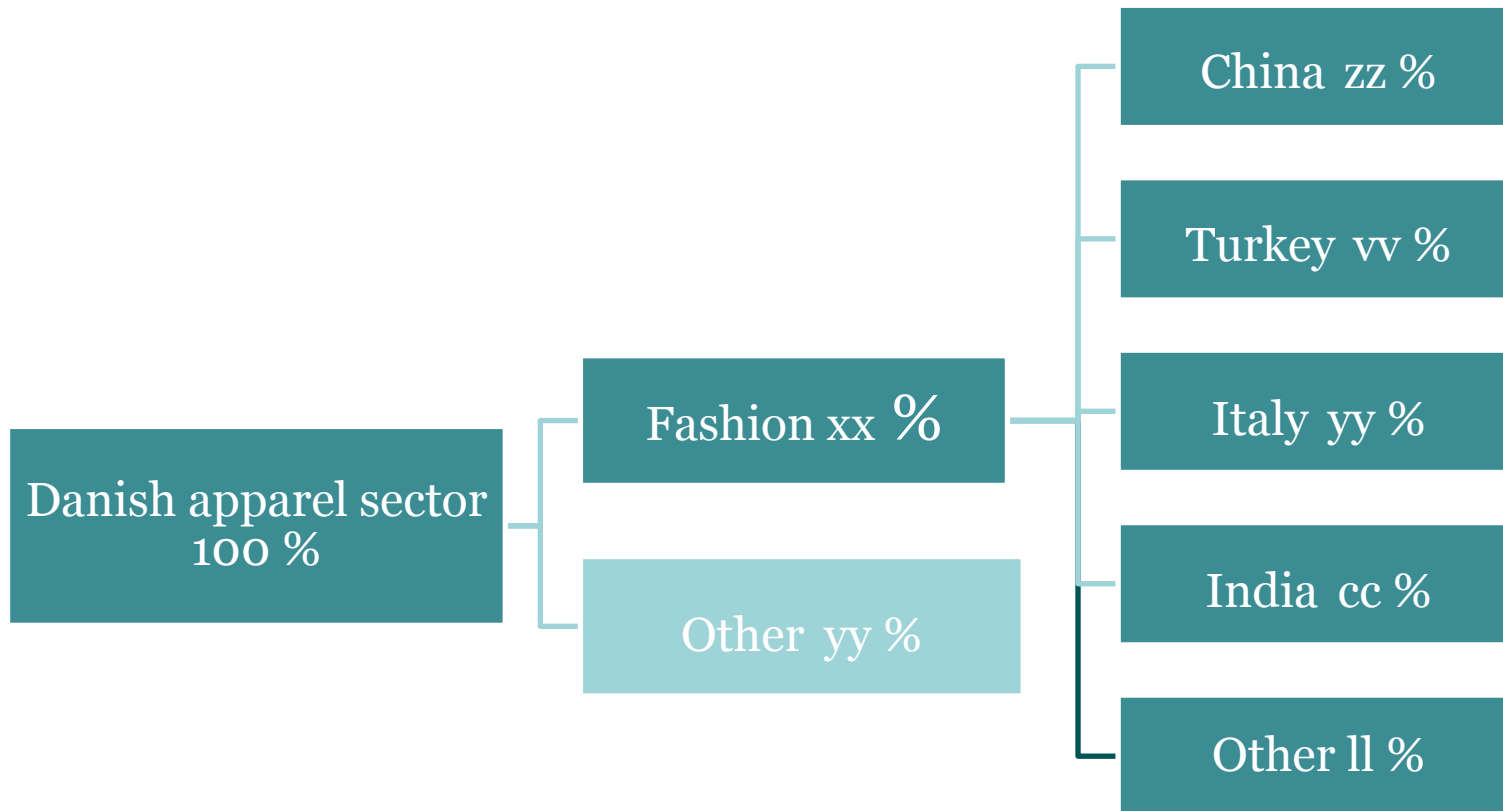
Project is planned to be published summer 2014.



3. Project Scope



3.b Project Scope



4. Expected outcome



<p>1</p>	<p>National analysis A status for Denmark – environmental performance of the Danish textile sector Policy level tools</p>
<p>2</p>	<p>Brand analysis Status for IC Companys – environmental performance of company compared to national analysis Company strategic tools – e.g. choice of suppliers, branding, expansion of production, etc.</p>
<p>3</p>	<p>Product analysis A standard product profile – environmental profile of e.g. T-shirts – comparison between status and full application of green materials Company product management tools used e.g. in design decisions</p>



5. Benefits of Natural Capital Accounting

1. Communicating environmental impact in one monetary term is a very powerful communication tool. Same language for business leaders, designers, buyers, politicians and consumers.
2. The information can guide key decisions on product design, material use, suppliers, etc. in business.
3. Possible to specify more ambitious requirements towards suppliers, and monitor the effects

6. Methodology and data

1. More efficient methodology to map areas that were difficult to map before
2. Same framework for a three level analysis
3. New models and databases

7. Project success

1. To EPA the project is a success if companies and organizations in apparel find the method and results valuable, and uses it to qualify decisions.
2. After publication in summer 2014 we hope the project will be developed further with standardized methods, larger scope, more data and companies, including textiles and useable tools for designers, buyers and business leaders.



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EPA-web page on Natural Capital Accounting:

<http://mst.dk/virksomhed-myndighed/groen-strategi/baeredygtigt-forbrug-og-produktion/natural-capital-accounting-e-pl/#>