

Feasibility of assessing the full company LCA of a large multi-national

LCA and ecodesign at Nestlé





CHF 91.6 billion in sales in 2014
339,000 employees in over 150 countries
442 factories in 86 countries

Over 2,000 brands, 10,000 products1 billion Nestlé products sold every day



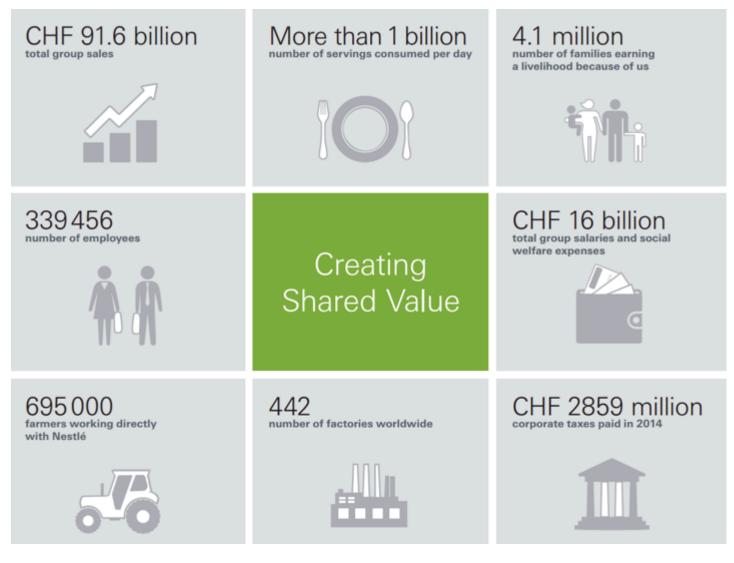
p. 2





Creating Shared Value across the entire value chain





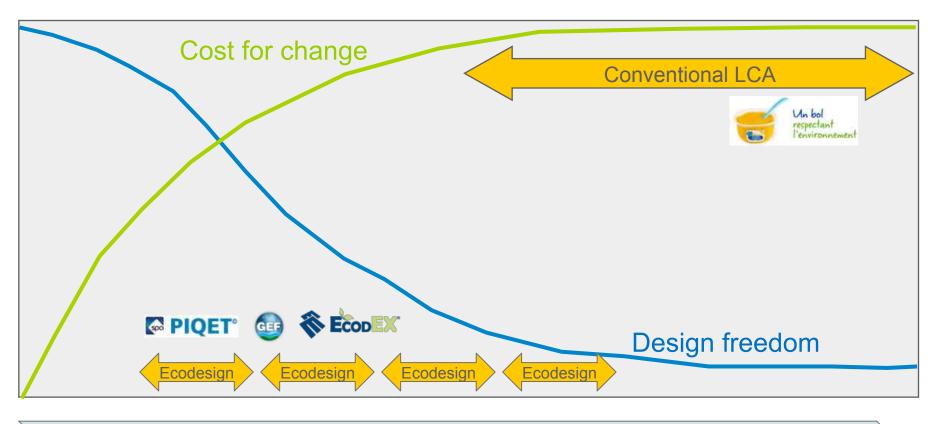


20.03.2015

3







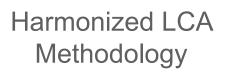
Nestlé Product Development Process

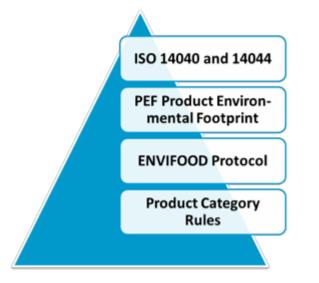
Ecodesign makes LCA cheaper, faster, and more efficient











For non-expert use, quick results generation

Integration into company IT systems

4 Property	- (* ¹	Cone .	direct plant		
· Conciliants		THE .			
A, Count		1400			
1 Tana 1 1 4 June			Course Second 219 1	10.004	
I	-				
G too life for		100	A 10 10 10 10 10	1000	
A Specification		4.	and a second second		
* Add Institutes	·	And a local division of the	and a second second		







Ingredients, Processing steps, packaging setup (SAP-RM)



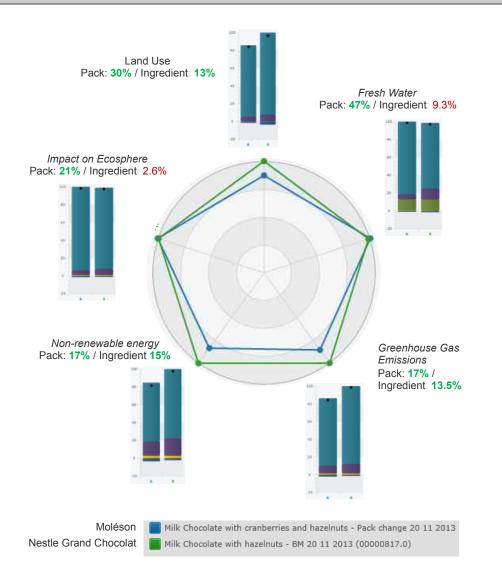
20.03.2015

p. 5



Chocolate Center of Excellence, Broc: Recettes de l'atelier: Artisan flair Chocolate







Brief Project Description

 Understand environmental performance of new chocolate tablet which has a generous load of ingredients on top

Benefit & Business Impact

- Satisfied consumer preference with better environmental performance
- Perfect execution of the iterative ecodesign process in innovation

Achievements

- Validated and reviewed environmental impact through EcodEX
 - Packaging: all 5 attributes are better from 17% - 47%
 - Ingredient Supply: 3 out 5 attributes are better from 13% - 15%

p. 6

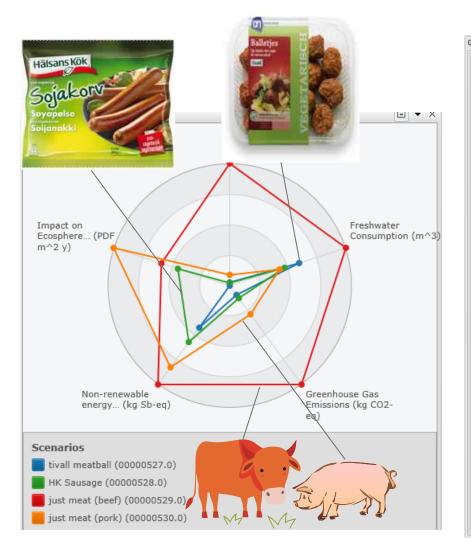
Nestle Researc

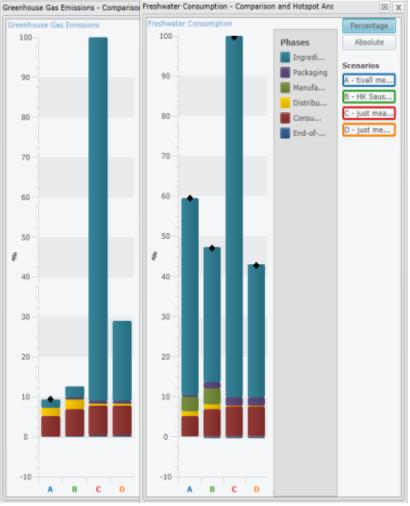




Plant protein: Tivall products vs. meat











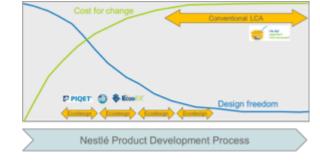
20.03.2015

What have achieved with EcodEX?

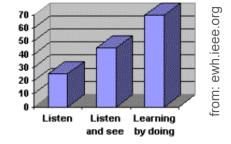
Fact based decision leading to product improvement

Engagement with suppliers and customers

Understanding & engagement of employees







p. 8

Nestle Resear



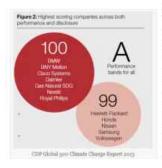


External reporting, requirements on transparency, and reputation benefits drive corporate footprinting



How Nestle used sustainability reporting to top both CDP and the Dow Jones Sustainability Index

Global food company Nestle announced this month a remarkable triple achievement in corporate social responsibility - it was included in both the Carbon Disclosure Project's (CDP) 'Climate Disclosure Laudership Index' and the 'Climate Performance Leadership Index' (nee below).



At the same time, Nestle was named as an industry group leader in the Food Products category of the Dow Jones Sustainability Index (DJ5I). Placement on these indices bring many corporate benefits, the most notable of which 10793

enhancement of brand and reputation as a sustainability leader favourable valuation by ethical and socially responsible investors

www.sustainabilityreportingexaminer.com/

- CSR Reporting, Nestlé In Society Report (published 17.3.2015)
 - Transparency & reputational benefits

CDP and other corporate reporting initiatives

Moving from scope 1&2 to scope 3 emissions

Nestlé in the U.S.

Newsmin | Bom caripaign: Nettle Coattag Shared Value

REPROPERTY JULY RESTLE IN SOCIETY MANNANT REPORT (MERCHY'S) METRY | MERCHY WATTR | CREATING SAMELY VALUE | ADDERING COMMETMENTS | SUNTAINMENTS | SERVICE MERCHY | SERVICES

Nestlé Publishes its 2014 Nestlé in Society Summary Report



TUNET ME. New Questions Society Summary Report out http://oddy.me/1Pup/QL#cm

p. 9



Good Food, Good Life

MORE FROM NESTLÉ IN THE U.S.

Nextle Waters and Project WET Sign New 4 year Partnership and Come Together Asato Globally for World Water Day on March 27nd 2015 Tatalan Nucl. 17, 2015-3-886

Heidd Heidtha Kids, Helping Shipe treations with a truth with the world Toronian Wards 17, 2015 . Billion

Nettle Research Shows Huny To Lose Fat throng facet at 2021 - 2010ar

Adventer

VIDEOS FROM NESTLÉ IN THE U.S.







Challenges of corporate footprinting are mostly related to data quality

Ingredient specifications, different IT and reporting systems accross the world



Origin of ingredients: specific data needs for environmental footprinting

Complexity: Full understanding of the results requires a lot of time & resources





20.03.2015

p. 10

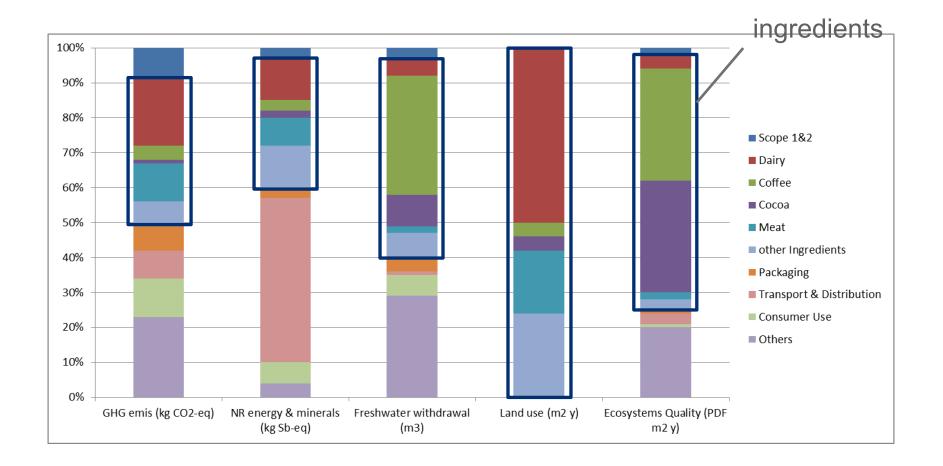


















- + Excellent communication opportunity on business transparency
- + Top-down view allows identification of different priorities in different businesses
- + What gets measured, gets done (!/?)
- No fundamentally new insight gained
- Reliability of the results remains somewhat unclear, given limitations in data quality
- Top-down view makes it difficult to identify winning opportunities for change

For an organization as large & complex as Nestlé, a bottom-up ecodesign approach has greater potential to implement change.



20.03.2015 p. 12 Nestle Resea

