



PACITA 2015

Assessing the Sustainability of Products: The Hot Spot Analysis

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triple innova – What we do



Research & Science



Training & Workshops



Support & Coaching





We do know a lot ...

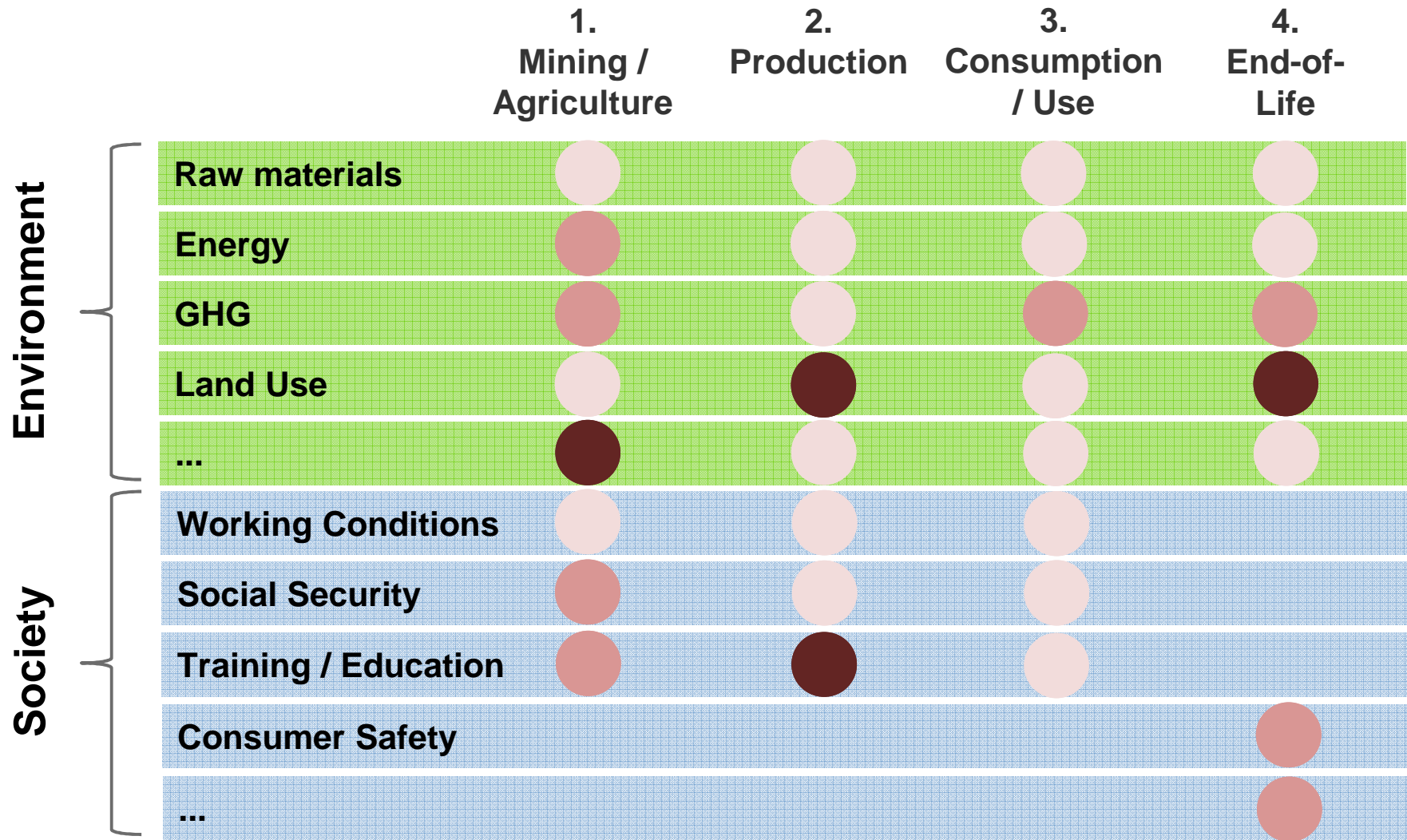
... but we do not (re)act adequately



Source: CSCP



Results of a Hot Spot Analysis



(Example)

Developed by triple innova in co-operation with Wuppertal Institute and CSCP



Hot Spot Analysis

Key features

- + Environmental and social-economic aspects
- + Entire product life cycle
- + Research results & Stakeholder involvement
- + Rough, quick and reliable



Hot Spot Analysis

Methodological requirements:

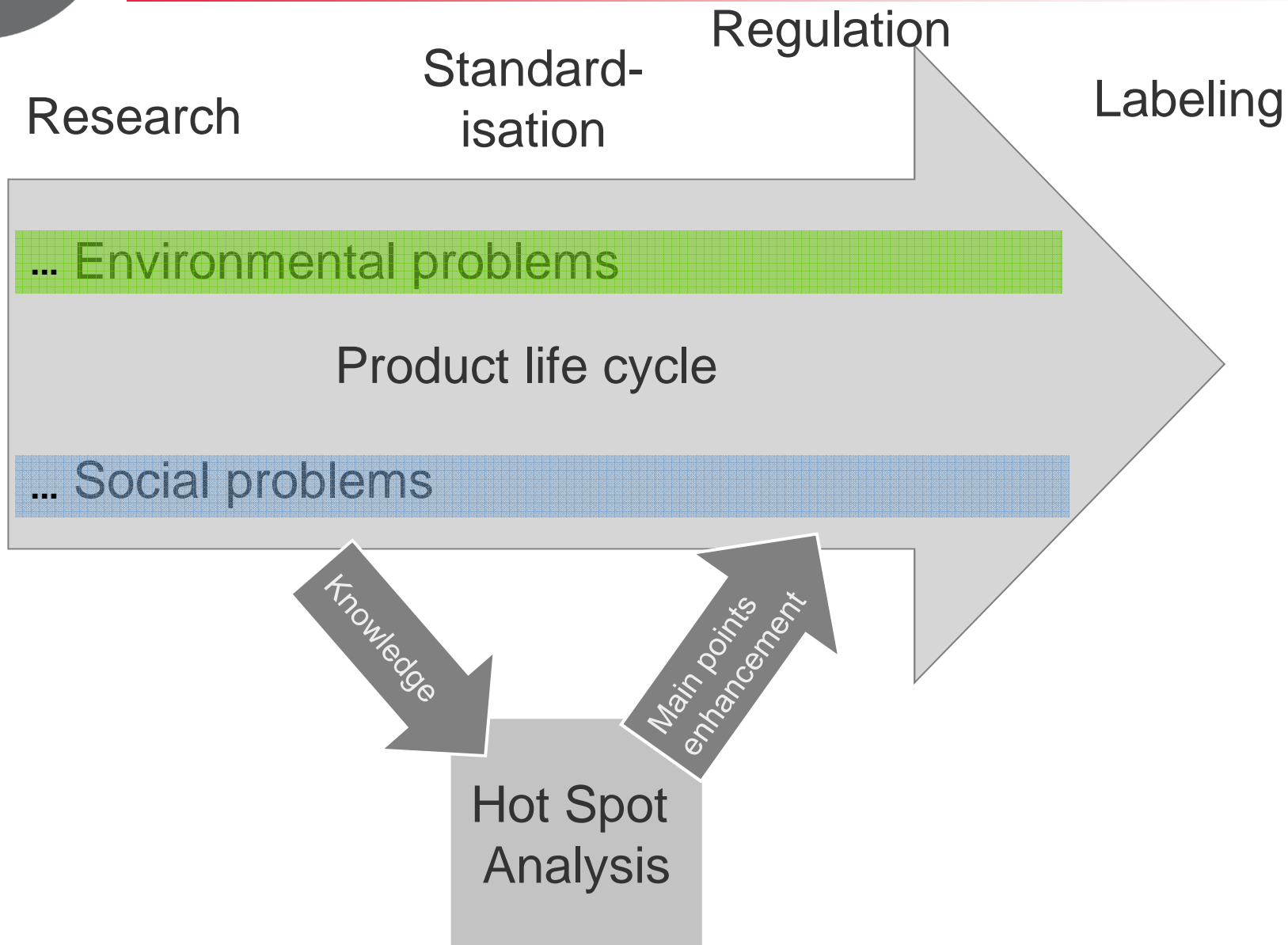
Interdisciplinary team

- Scientific knowledge
- Practical experience

Involvement of stakeholders and experts



Context of a Hot Spot Analysis





Hot Spot Analysis

About Neutrality and Legitimation

- * Basis: Publicly available knowledge
- * Individual choice and involvement: Stakeholders
- * Semi-quantitative approach
- * Not-standardised, informal use
- * Missing: Systematic database and results



Texts on the Hot Spot Analysis

Biermann, B. et al.: Sustainability Hot Spot Analysis: A streamlined life-cycle assessment towards sustainable product innovation. Sustainable Innovation Conference, Rotterdam 2010

Liedtke, C. et al.: Resource intensity in global food chains : the hot spot analysis. In: British food journal, 112 /2010, S. 1138-1159

Wallbaum, H. & Kummer, N. 2006, „Entwicklung einer Hot-Spot-Analyse zur Identifizierung der Ressourcenintensitäten in Produktketten und ihre exemplarische Anwendung“ (Development of the Hot Spot Analysis for an identification of resource intensity in product chains and their application in show cases) Wuppertal Institute for Climate, Environment and Energy and triple innova, Wuppertal

Thank you!

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