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TITLE OF THE SIDE SESSION:

Development of a system of indicators for a resource efficient Europe (DESIRE)

DESCRIPTION:

The concept of resource efficiency requires an optimal set of indicators that would outline the progress towards smart, sustainable and inclusive growth in Europe. This session will look at the new concepts and indicators that are being developed by the EU project consortium DESIRE. The speakers will present insights on the improvement of the existing indicator framework, as well as the novel indicators, specifically in areas of biodiversity, ecosystem services and 'beyond GDP'. The discussion will explore the potential benefits of these indicators for the circular economy and resource efficiency policies.

DATE: 4 June 2014

PROGRAM:

14.30 – 14.40	Welcome; introduction on the session and DESIRE	Prof. Dr. Arnold Tukker
14.40 – 14.55	The indicator framework and input-output analysis	Dr. Nina Eisenmenger
14.55 – 15.10	Resource efficiency beyond GDP	Dr. Philipp Schepelmann
15.10 – 15.25	Discussion	moderated by Dr. Adriaan Slob
15.25 – 15.40	Novel indicators: biodiversity and ecosystem services	Dr. Alexandra Marques
15.40 – 16.00	Discussion and wrap up	moderated by Dr. Adriaan Slob

CONTACT DETAILS:

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SHORT PROFILES:

Welcoming words: Prof. Dr. Arnold Tukker is a DESIRE Project coordinator; director and professor of Industrial Ecology, CML, Leiden University and a senior scientist at the Netherlands Organisation for Applied Scientific Research (TNO) Strategy & Policy. As a scientist, Arnold Tukker is internationally recognized for his work in the field of integrated environmental, economic and resource databases and –models. He further has been involved in major international policy initiatives such as the EU’s Resource Efficiency Flagship, the European Innovation Partnership on Raw materials, the UN Ten Year Framework of Programs on Sustainable Consumption and Production, the UNEP Resource Panel, the UN Green Economy Initiative, and the UN Sustainable Development Goals.

Speakers:

1. **Dr. Nina Eisenmenger** a Postdoc. Ass. at the Alpen-Adria-University, Institute of Social Ecology, where she coordinates the research area ‘social metabolism’. Since 2000, she is working on the sustainable resource use, compilation and analysis of MFA, and development of methods and indicators. She is consultant for Eurostat and the Austrian government.

2. **Dr. Philipp Schepelmann** is a project coordinator in the Research Group for Material Flows and Resource Management at the Wuppertal Institute for Climate, Environment and Energy. He has worked as analyst and policy advisor for several EU Member States, the European Commission, the European Parliament and the European Environment Agency. He has been involved in a different EU Framework projects about the monitoring of physical impacts of human development. His fields of expertise are quantitative information systems for environmental assessments, EU regional economic development, systemic innovation and structural change and sustainability policies.

3. **Dr. Alexandra Marques** is a researcher at the German Centre for Integrative Biodiversity Research and specializes in Ecological Economics. Alexandra is involved in the projects Global Biodiversity Outlook 4 Scenarios (GBO4) and DESIRE, in which she investigates how the socio-economic processes drive biodiversity and ecosystem change. In particular, her expertise lies in integrating biodiversity metrics in a multi-regional input-output framework to explore the impact of economic activity in biodiversity.

Moderator: Dr. Adriaan Slob is a highly skilled process consultant, with in total 20 years of policy-science brokerage in an interactive process management. Adriaan is a project coordinator of the EU FP7 brokerage projects ‘BRAINPOoL’ (on Beyond GDP) and ‘PSI-connect’ (river basin management).