



Dr. Arnold Tukker

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Arnold Tukker (1960) graduated in analytical chemistry, economics and didactics at the Utrecht University in 1987. He studied Spanish in Salamanca and worked for the Ministry of Housing, Physical Planning and Environment, Inspectorate for the Environment from 1988 to 1990. In 1998 he published a book on societal disputes on toxic substances, which awarded him a Ph.D. from Tilburg University.

He joined TNO in 1990, where he coordinated research on waste management policy and integrated substance chain management. In 1994 he joined TNO's strategic think tank, TNO Strategy, Policy and Technology (STB) as a senior researcher and advisor. He had various interim management positions and currently manages TNO-STB's research program on sustainable innovation. He is also manager of SusPronet, the first EU network on sustainable product service systems. He is frequently invited to speak on (international) conferences and published some 20 peer-reviewed papers in various scientific journals. His other positions and activities include:

- Book series editor Eco-efficiency & Industry, Kluwer Academic Publishers, Dordrecht
- Member of the Editorial Board of the International Journal of Life cycle Assessment
- Member of the Editorial Board of the Journal for Sustainable Product Design
- Member of the Dutch Commission for Environmental Impact Assessment

Some key projects in the field of innovation and sustainable product development

- Sustainable Product Development Network (www.suspronet.org; 2002-2004). 1.5 Million Euro Thematic Network within the 5th Framework Programme of the EU, involving about 30-40 key EU industries and research institutes.
- Transitions (2001-2003). Programme consisting of three parts: 2 pilots to apply the 'Sustainable Technology Development' method on 'Dematerialisation and Building', and 'Individual Transport', plus an evaluation how TNO best can perform long-term innovation studies.
- Foresight Agrocluster. Foresight with the Innovation Network Agrocluster and Rural Areas, and the LEI, concerning developments influencing the agricultural sector in the EU in the next 20 years (2000-2001). Published in the journal 'Foresight', Fall 2001.
- Ecodesign: European State of the Art, and: Ecodesign and SMEs (2000). Project manager/final editor of two major ESTO projects (150 days each) executed in co-operation with VITO, TNO Industrie/Kathalys, VDI, IPTS and the CfSD.
- Partnership and Leadership: building alliances for a sustainable future. Edited book published with Theo N. de Bruijn of the Greening of Industry Network, Kluwer Academic Publishers, 2002