

Biography



Born in 1958, Stefan Bringezu trained as a biologist (ecology, biochemistry, microbiology) and obtained his Ph.D. in ecosystems analysis. He gained his post-doc graduation (*venia legendi*) at the faculty for Environment and Society at Technical University of Berlin. From 1987 to 1992 he worked at the Chemicals Assessment department of the German Federal Environment Agency. 1992 he joined the new Wuppertal Institute working on the development of methods to assess the environmental performance of products, infrastructures, regions and economies. From 1997 to 1998 he was Visiting Professor at the University of Dortmund as Acting Head of the Department of Supply Systems and Environmental Planning. He rejoined the Wuppertal Institute, as acting Head of the Department for Material Flows and Structural Change and took over as Director of the newly formed group in 2003.

His main study subjects are the analysis of the socio-industrial metabolism and land use, material flow analysis and LCA-MIPS (incl. "hidden flows"), indicators for sustainability (macro-meso-micro), integrated sustainability assessment, resource efficient supply and infrastructure systems, analysis of drivers of resource use (biomass and minerals) and scenarios for sectoral and economy-wide sustainable resource management.

He pioneered research as co-developer of the MIPS concept (on the "ecological rucksack") created by Friedrich Schmidt-Bleek, who together with Ernst U. von Weizsäcker won the prestigious Takeda award. He developed new indicators of economy-wide material flow analysis such as TMR which were tested through international cooperation, gave orientation to research and contributed to standard setting in national and European statistics.

Dr. Bringezu has been involved in teaching activities at various universities. He initiated the ConAccount network on material flow analysis, and was founding member and councilor of the International Society of Industrial Ecology. He is member of various advisory panels such as the National Committee of SCOPE Germany (Scientific Committee on Problems of the Environment) and worked as a reviewer for German and other European Science Foundations and consultant to OECD, EEA and the European Commission. He had

coordinated various national, European and international research projects.

He has authored more than 140 scientific articles and several books. Some of the reports he initiated found considerable resonance such as the international report on "Resource Flows" and the subsequent "Weight of Nations" report.