



HAL
open science

Tackling societal grand challenges through inter-organizational collaboration

Corentin Gariel, Anne Bartel-Radic

► **To cite this version:**

Corentin Gariel, Anne Bartel-Radic. Tackling societal grand challenges through inter-organizational collaboration. Walking the talk? Transitioning towards a sustainable world : European International Business Academy 48th Annual Conference, Dec 2022, Oslo, Norway. hal-04764736

HAL Id: hal-04764736

<https://hal.science/hal-04764736v1>

Submitted on 12 Nov 2024

HAL is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers.

L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.

Tackling societal grand challenges through inter-organizational collaboration: the case of plastic waste pollution in emerging countries

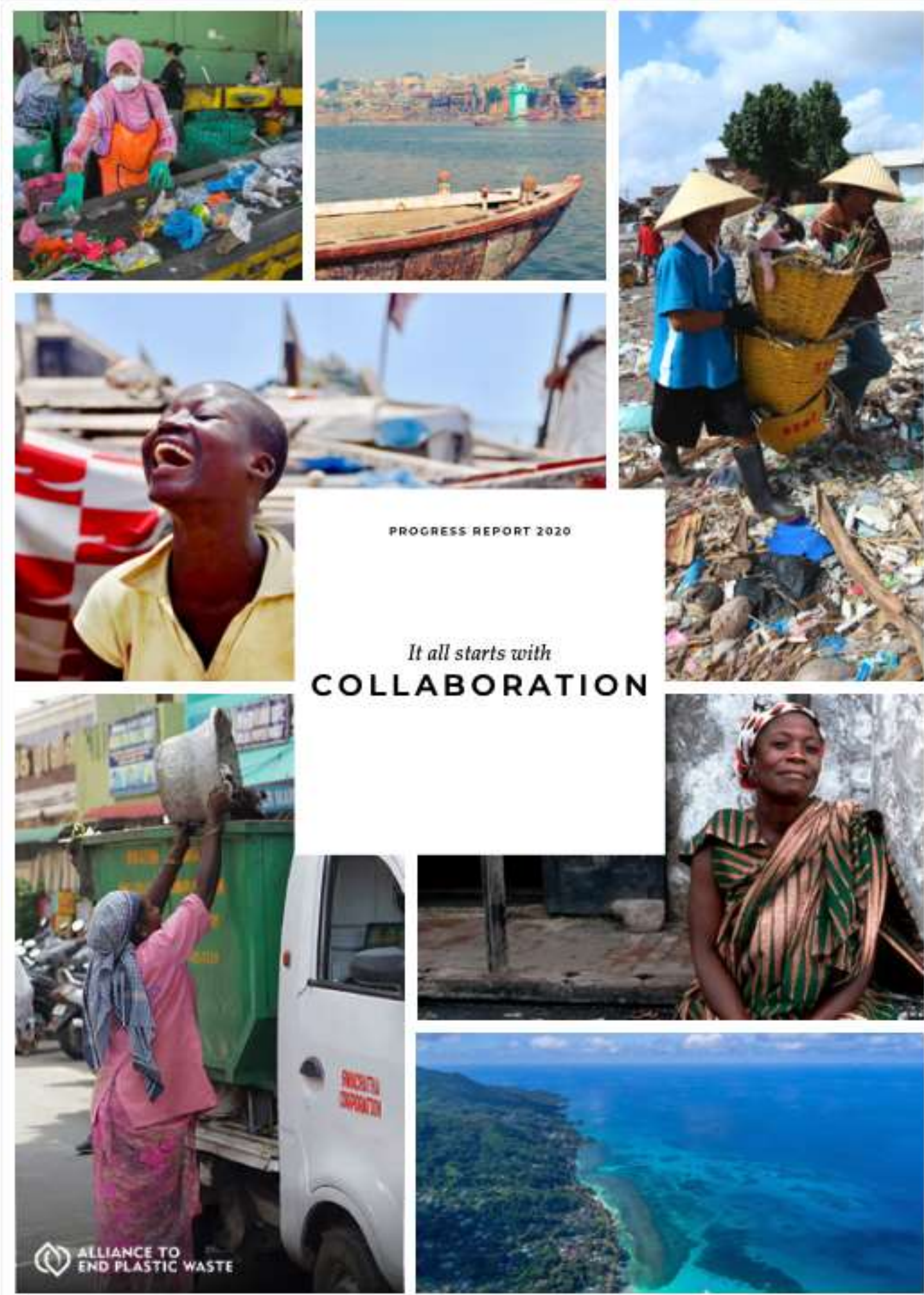
Corentin Gariel, Anne Bartel-Radic

● GRAND CHALLENGES

● INTERORGANIZATIONAL COLLABORATION

● ROBUST ACTION

● UNCERTAINTY, COMPLEXITY



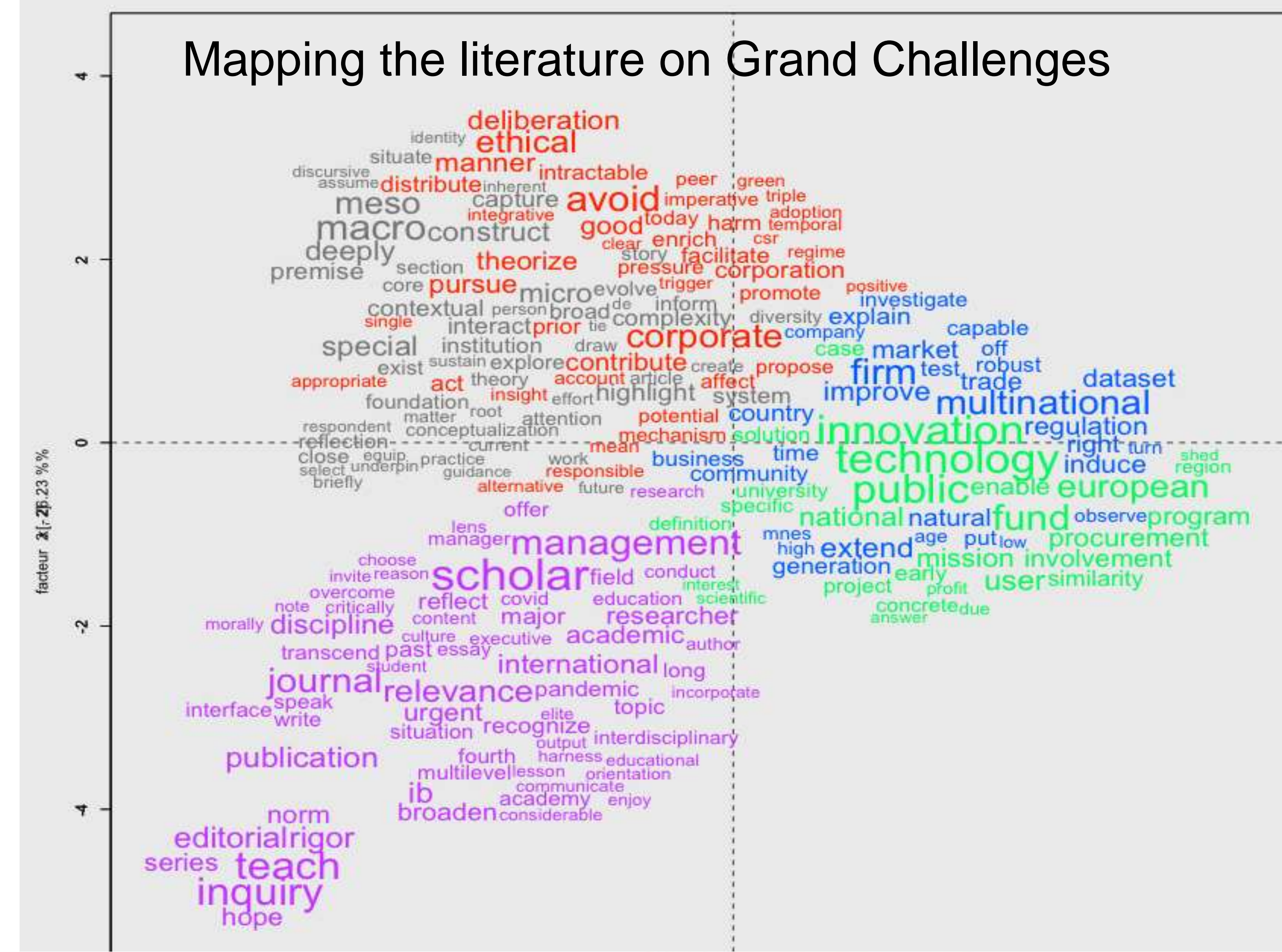
How does inter-organizational collaboration contribute to tackling the *grand challenge* of plastic waste ?

State of the art and research gaps

A grand challenge is characterized by complexity, uncertainty and evaluativity (Ferraro, Etzion and Gehman (2015))

Robust action strategies as a framework to address grand challenges:

participatory architecture, multivocal inscription, and experimented distribution.



Aim: describe and understand the complex collaborations between heterogeneous actors and the effects of projects aimed at tackling plastic waste pollution.

Case studies and concept mapping

Participative architecture: understanding the dynamics of collaboration

Working group composed of multinationals: how to frame the problem and organize new value chains?

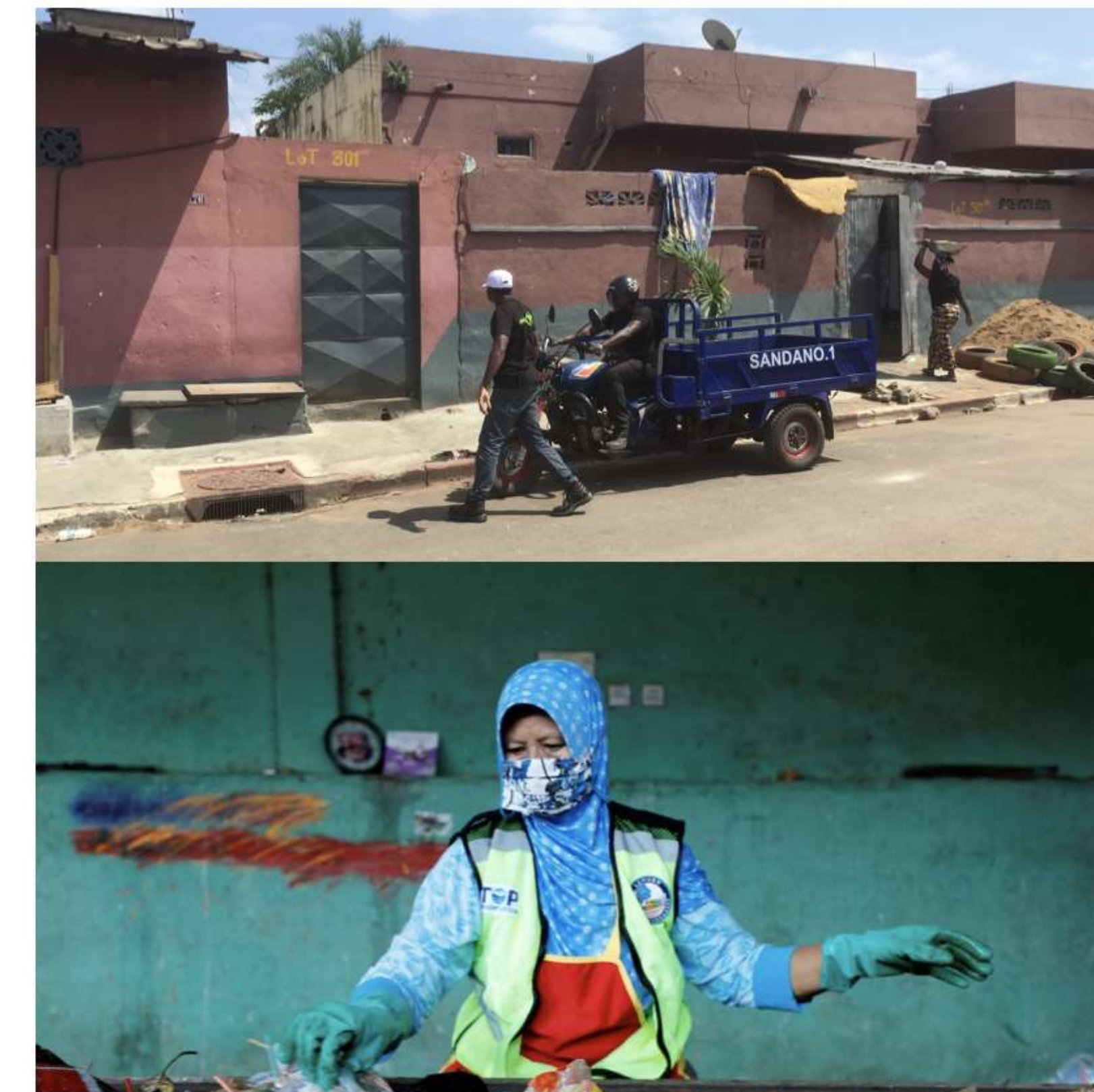
60 multinationals from different industries: how do they collaborate?

Multivocal inscription: Characterizing the diversity of interpretations and behaviors

↓

Concept mapping methodology

Distributed experimentation: understanding the innovation dynamics



Theoretical contribution

- Better understanding of inter-organizational collaboration between extremely diverse actors...
- ... to extend the theoretical framework of robust action

Societal & managerial contributions

SUSTAINABLE DEVELOPMENT GOALS