



Agroecology and
Safe Food System
Transitions

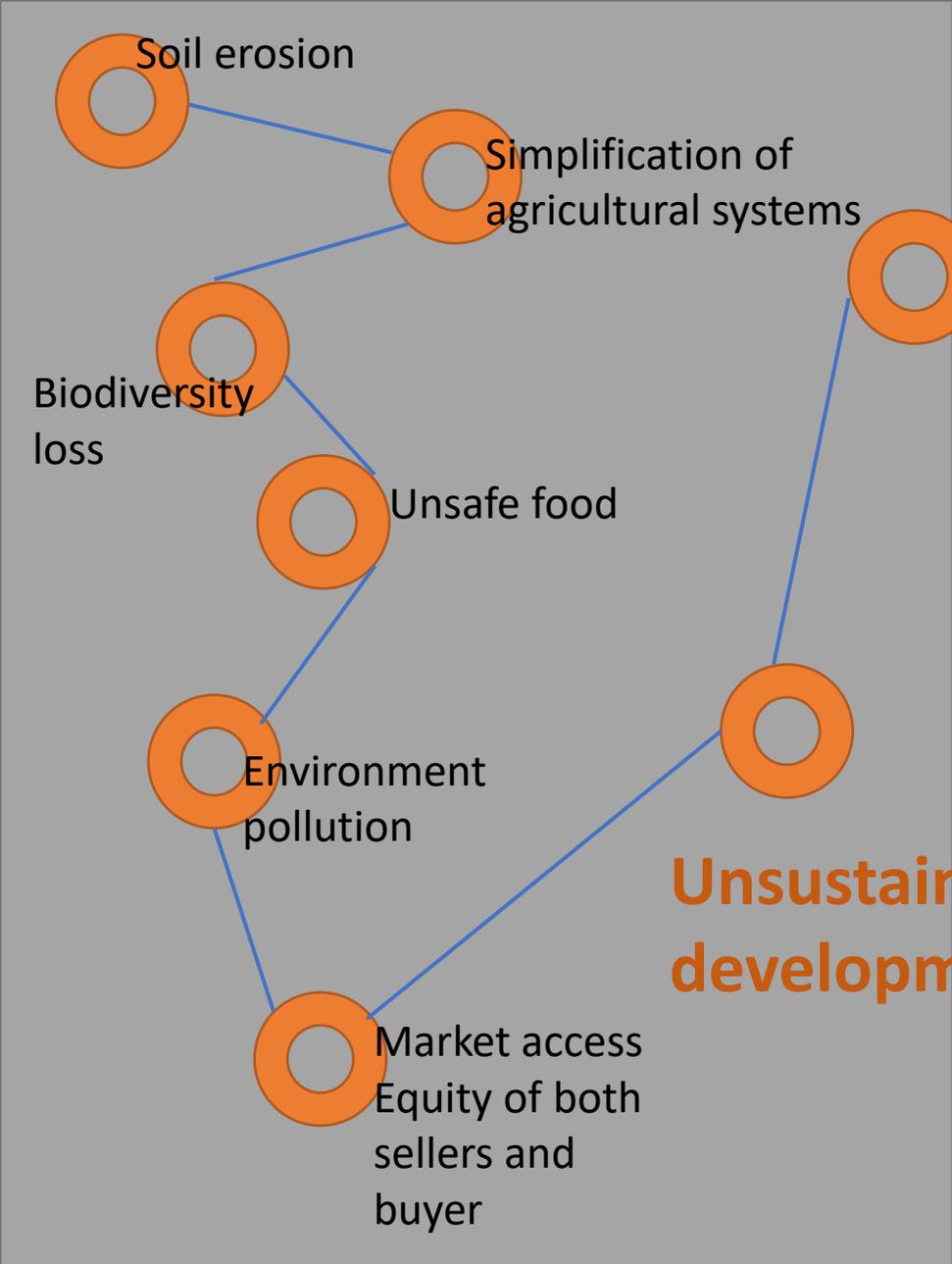


Advancing ways forward to Transparent, Responsible and Sustainable Food system transitions through building Agroecology pathways: insights into research-based developments from a Vietnamese Academy of Agricultural Science (VAAS) led partnership

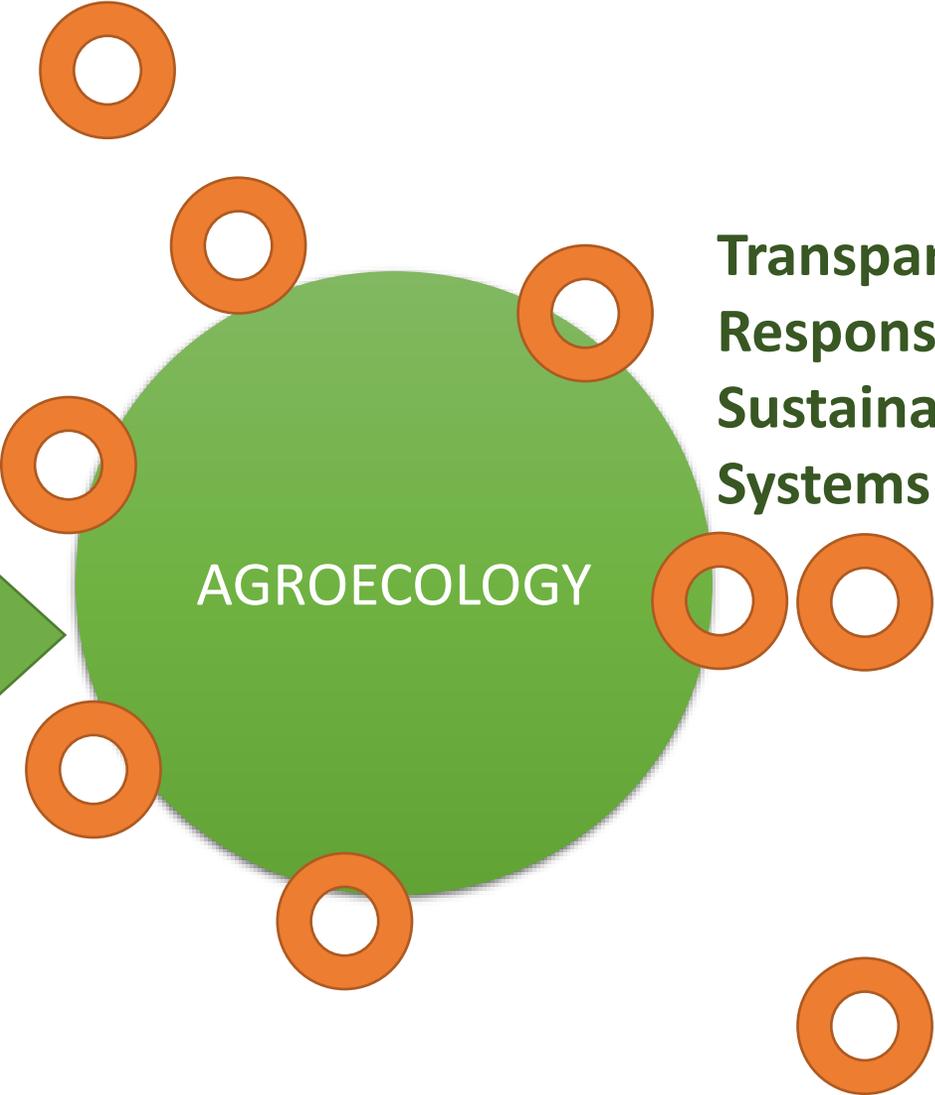
Pham Thi Hanh Tho, Hoang Thanh Tung, Pham Cong Nghiep, Nguyen Thu Huong, Le Thi Thanh Huyen, Dinh Khanh Thuy, Nguyen Thi Tan Loc, Nguyen Mai Huong, Nguyen Thi Sau, Estelle Bienabe, Mélanie Blanchard, Michael Bruckert, Pascal Lienhard, Vu Dang Toan, Nguyen Van Kien, Dao The Anh



Problems



Unsustainable development



Transparent, Responsible, and Sustainable food Systems

Emerging Initiatives



Rotation,
integration



Conservation
Agriculture

Agroforestry

linkages between crop,
livestock, fish production
and nutrients recycle

Home Garden
VAC
Permaculture

Landscape

AGROECOLOGY

Farming systems

Integrated Crop
Management
IPM

climate-smart agriculture

Specialized Value Chains

System of Rice
Intensification
SRI

Organic
Agriculture

**JAS,
USDA,
TCVN
PGS,...**

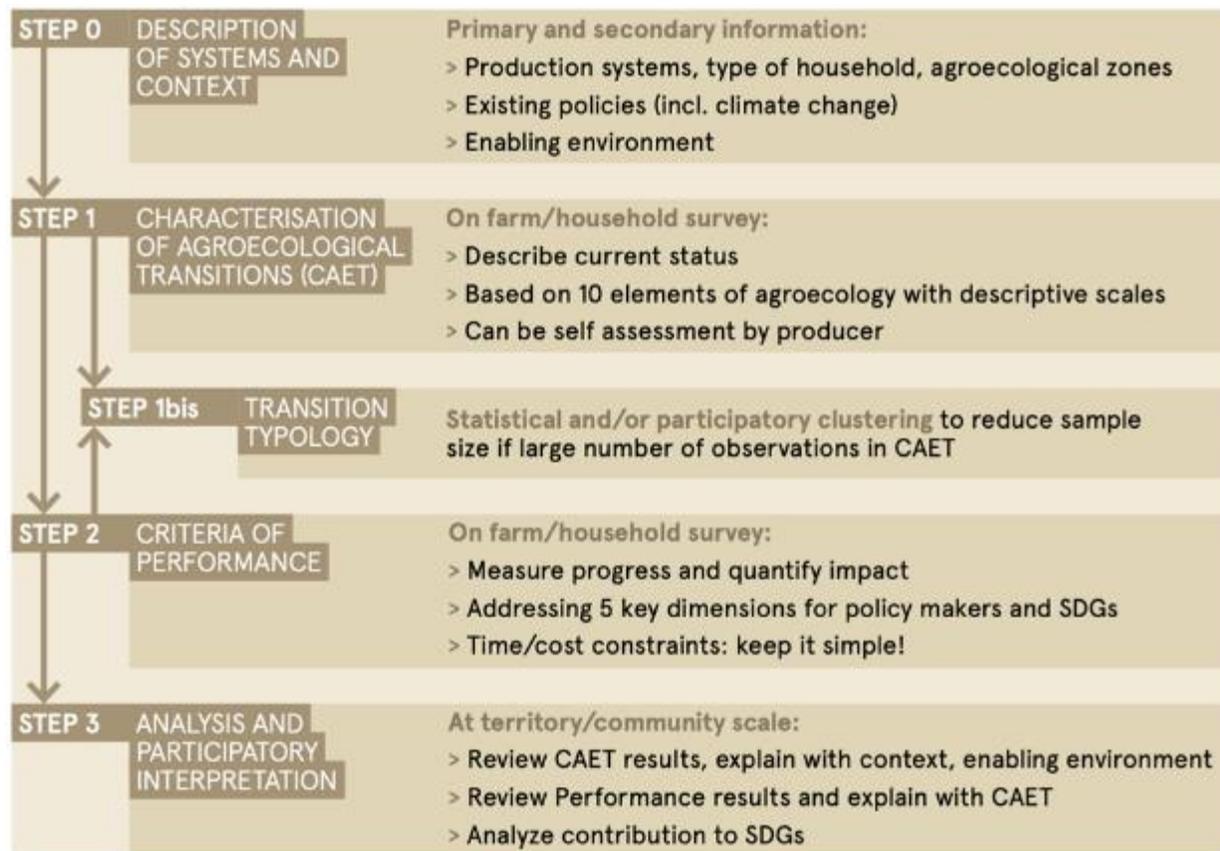
nature-based agriculture



Our efforts in Agroecology R&D

Dissemination of agroecology assessment methods

Tool for Agroecology Performance Assessment (TAPE) Process and Guideline for Application (Test version)



10 elements of agroecology (FAO)

Desk and field Studies
farm, pastoralist, household, and community

2020 in Moc Chau, Son La



Stakeholder training workshops

Enhancing value chain coordination solutions in agroecological food systems

Supporting stakeholders
(MARD; DARDs, VAAS - CASRAD, NOMAFSI, FAVRI; NIAS, IPSARD, CIRAD, FAO,...)

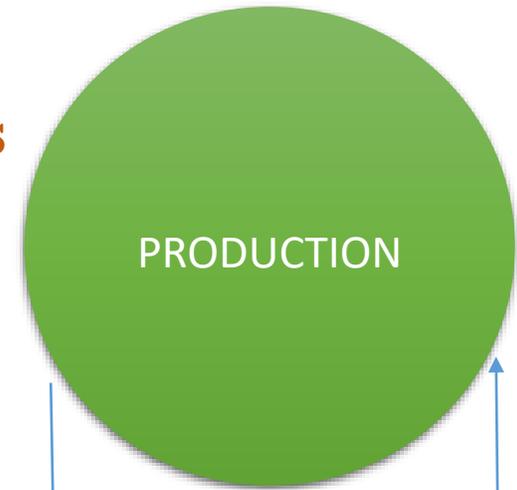


Participatory Action Research

Producers

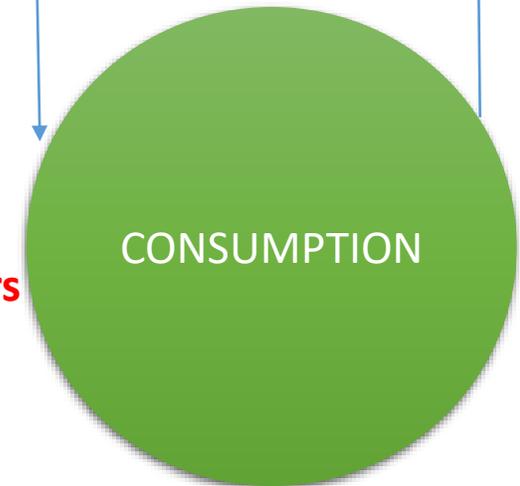
Traders

Consumers



PRODUCTION

Knowledge sharing and practices
Building stakeholder relationships



CONSUMPTION

Collective Brands Building



Intellectual property protection
Quality management
Market linkages



Biodiversity protection from the global agenda to local policies

United Nations International Conference on Environment and Development (UNCED) in Rio de Janeiro, Brazil , 1992

Agenda 21
(Agenda 21)
which contains
statements on
environment and
sustainable
development and
principles for
sustainable forest
management.



“BioTrade” Initiative



BioTrade
vietnam



Policy driver for agricultural development and ways forward to promote the sustainable transition

National Strategies and Programs

Resolution on Agriculture, Farmer and Rural Areas (2008)

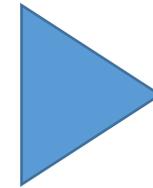
National Target Program on New Rural Development (2010),
Agricultural Restructuring Plan (2013)

National Organic Scheme (2021)

National Green Growth Strategy (2021)

A national Strategy for Plant Health and a National Plan for
Plant Health Management for the 2021-2025

Food safety Law and Standards (TCVN)



protection and effectively exploitation
of agricultural resources

restoring and revitalizing the quality of
ecological services

territorial development approach

upgrading value chains (certification)

Vision towards sustainable development anchored on the three
pillares of “agroecology, modern rural and smart farms”

Party Congress XIII document (January 2021)

Take home message

Building motivation of the agroecology transition through all three benefits



Appropriate strategies



THANKS A LOT FOR YOUR ATTENTION!

