

# Networking IPM

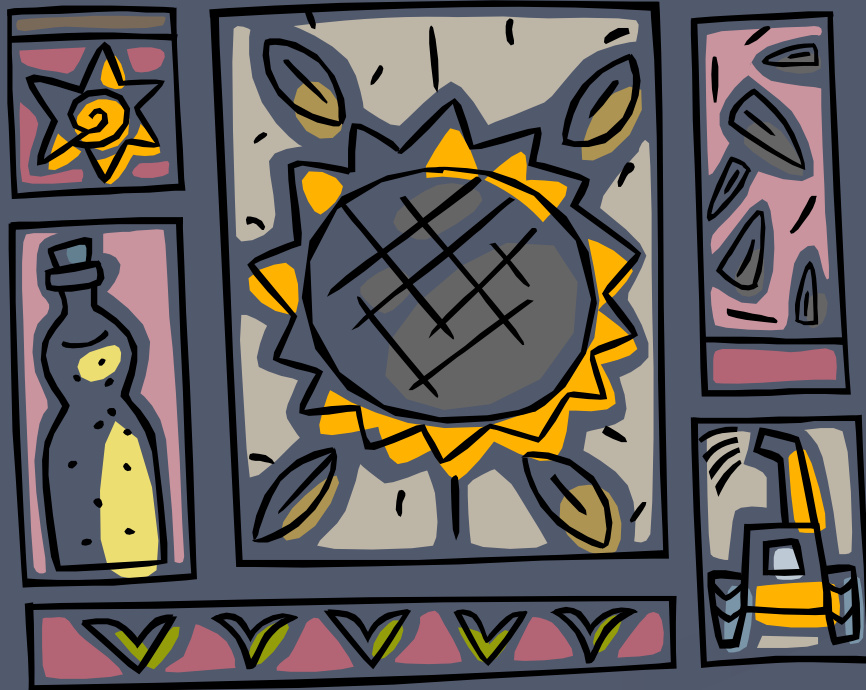
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Virginia Polytechnic Institute and State University (Virginia Tech)

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# Networking IPM



a peasant woman regards the future

# Reflecting on Networks and Technical Change

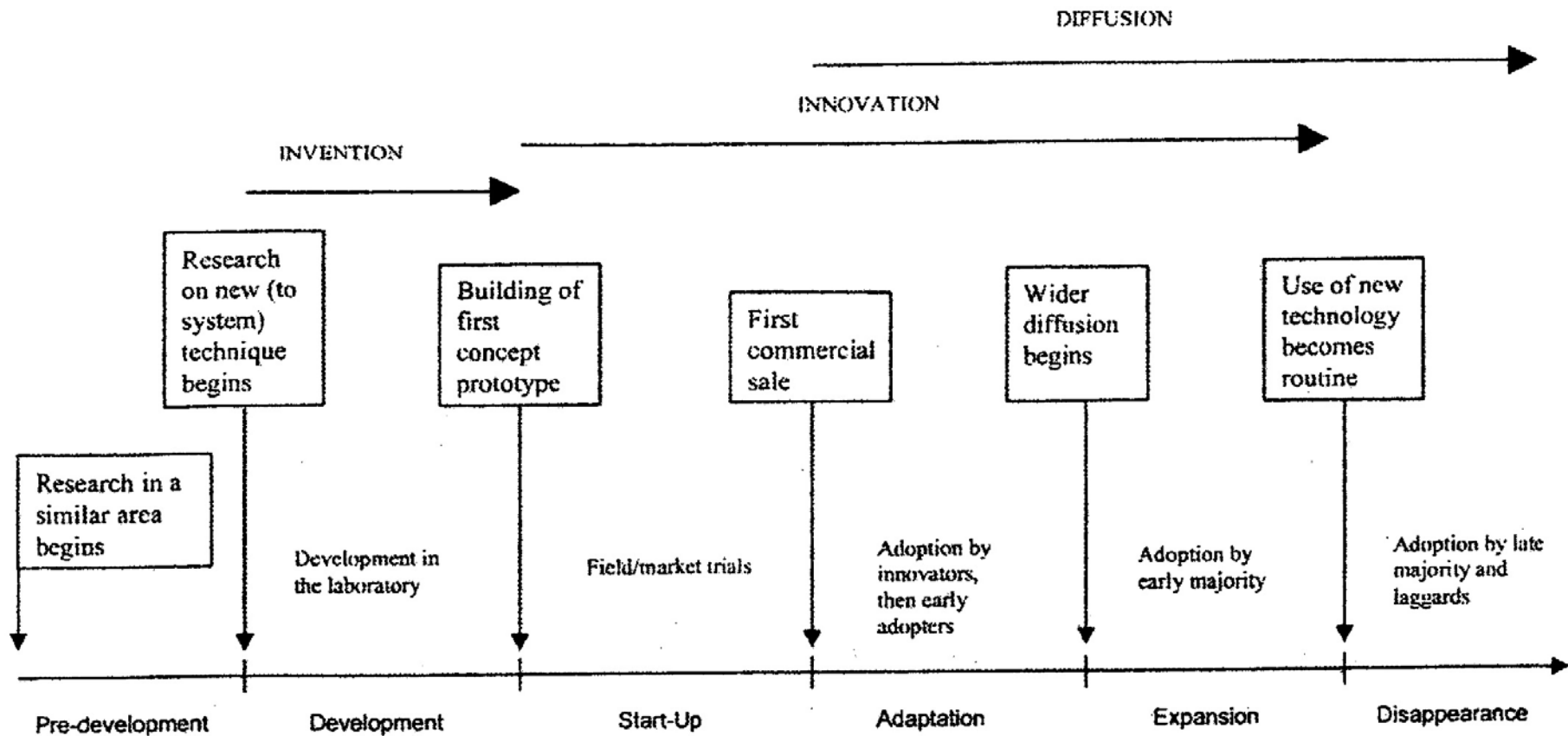
How should we think about technical change in agriculture?

What is the role of learning in this process?

- Is learning a matter of information transfer resulting in adoption of innovations?
- Or, is learning a matter of developing capacities for adaptive management?

Whose capacities should be developed?

Where, in fact, does innovation occur?

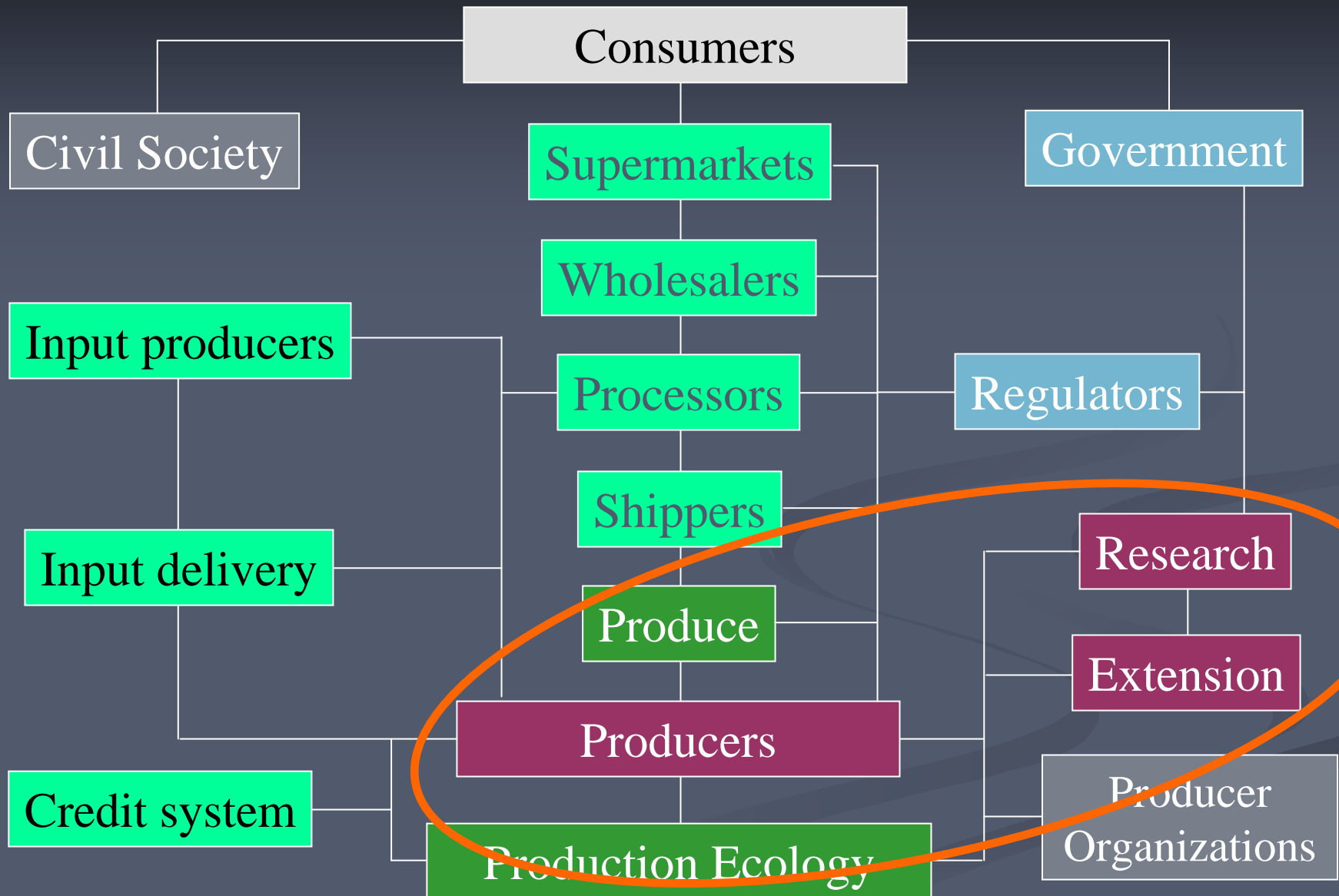


**Figure 2.2** Stages and milestones in the invention, innovation and diffusion process<sup>3</sup>

“Transforming conventional agriculture is not just a question of training farmers, but of social learning in complex interwoven networks of interdependent actors. In most instances, we are not dealing with ‘virgin country’ but with situations in which highly interwoven actor networks have already evolved around the needs of conventional farming.”

Röling and Jiggins, 1998

# IPM Actor Network

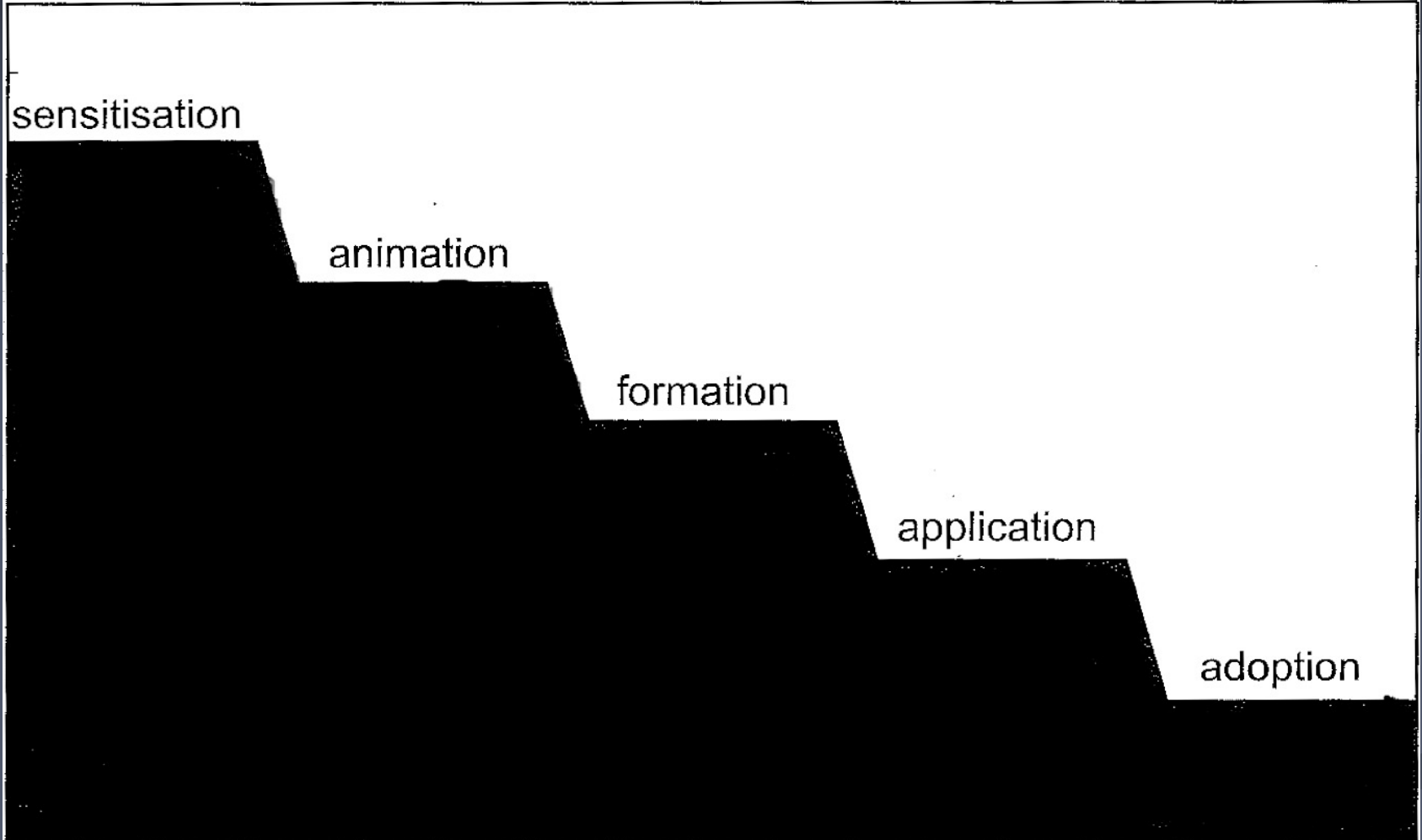


# Actor Network Model of Technology Transfer



# Processus de vulgarisation

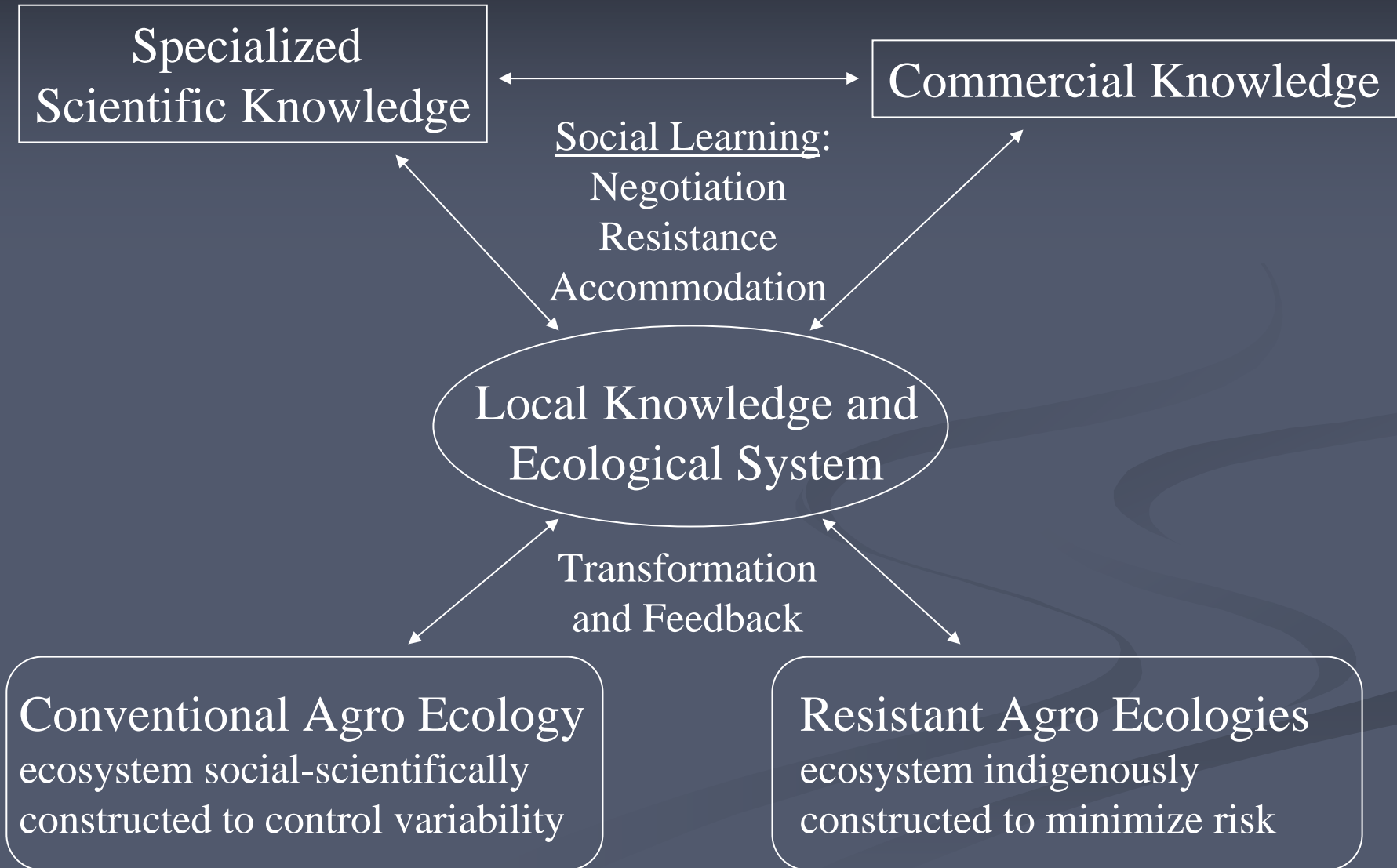
Proximité au site d'application



Proximité à la prise de décision



# Knowledge Networks Conflict Model



# Social Learning

## Negotiation

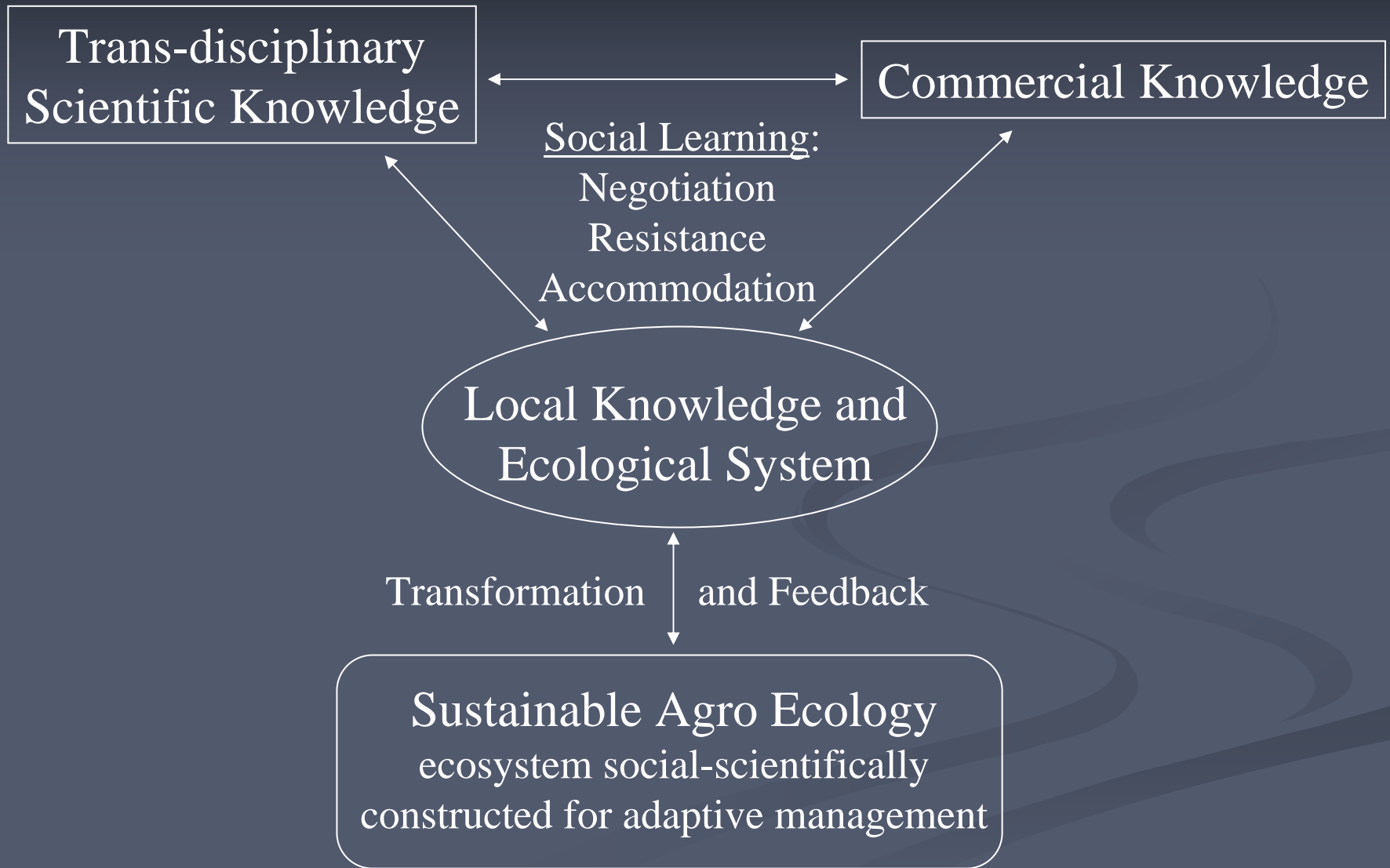
## Resistance

## Accommodation

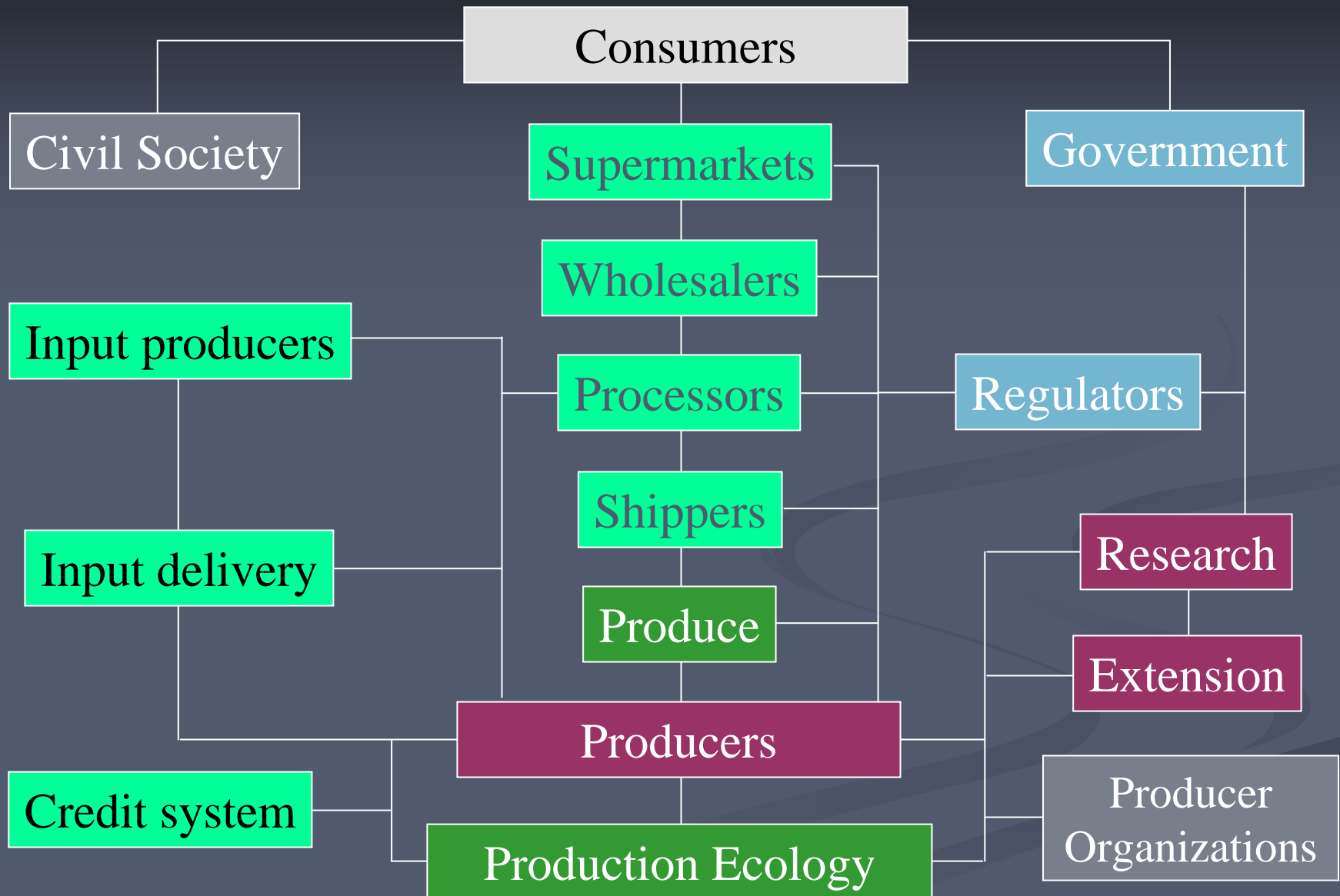
From: Sayer and Campbell,  
The Science of Sustainable  
Development. 2004.



# Fully Negotiated Model for Sustainability



# IPM Actor Network





a young woman negotiates the future