

# Science - based Support for Biodiversity Conservation Policy of Vietnam

## A Case Study of Ngoc Son Ngo Luong Nature Reserve

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### Introduction

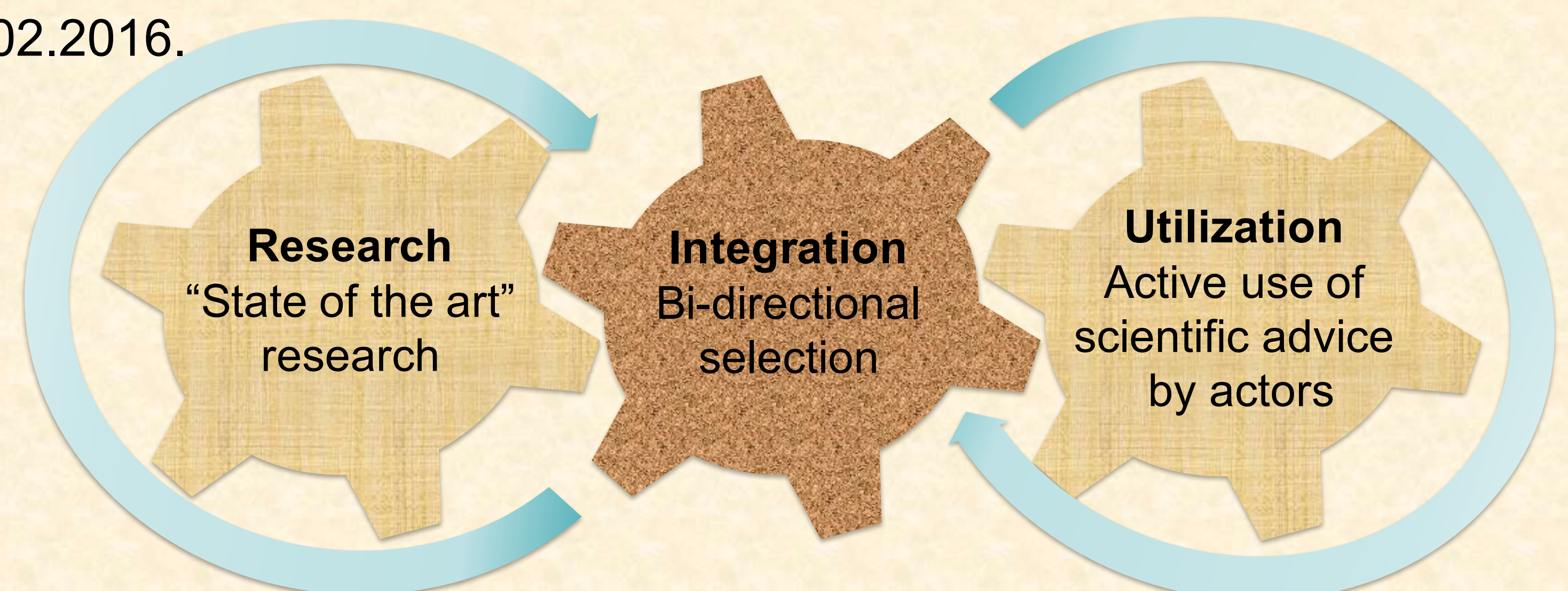
The conservation of biodiversity has become an important policy issue in environmental governance in Vietnam. In order to tackle these complex problems (Managi, S, 2012), policy makers need support by scientific solutions.

### Research question

- 1/ What were contributions of science - based support to the establishment of Ngoc Son Ngo Luong Nature Reserve?
- 2/ How can be the success or failure of science - based support to the establishment of Ngoc Son Ngo Luong Nature Reserve explained?

### Methods

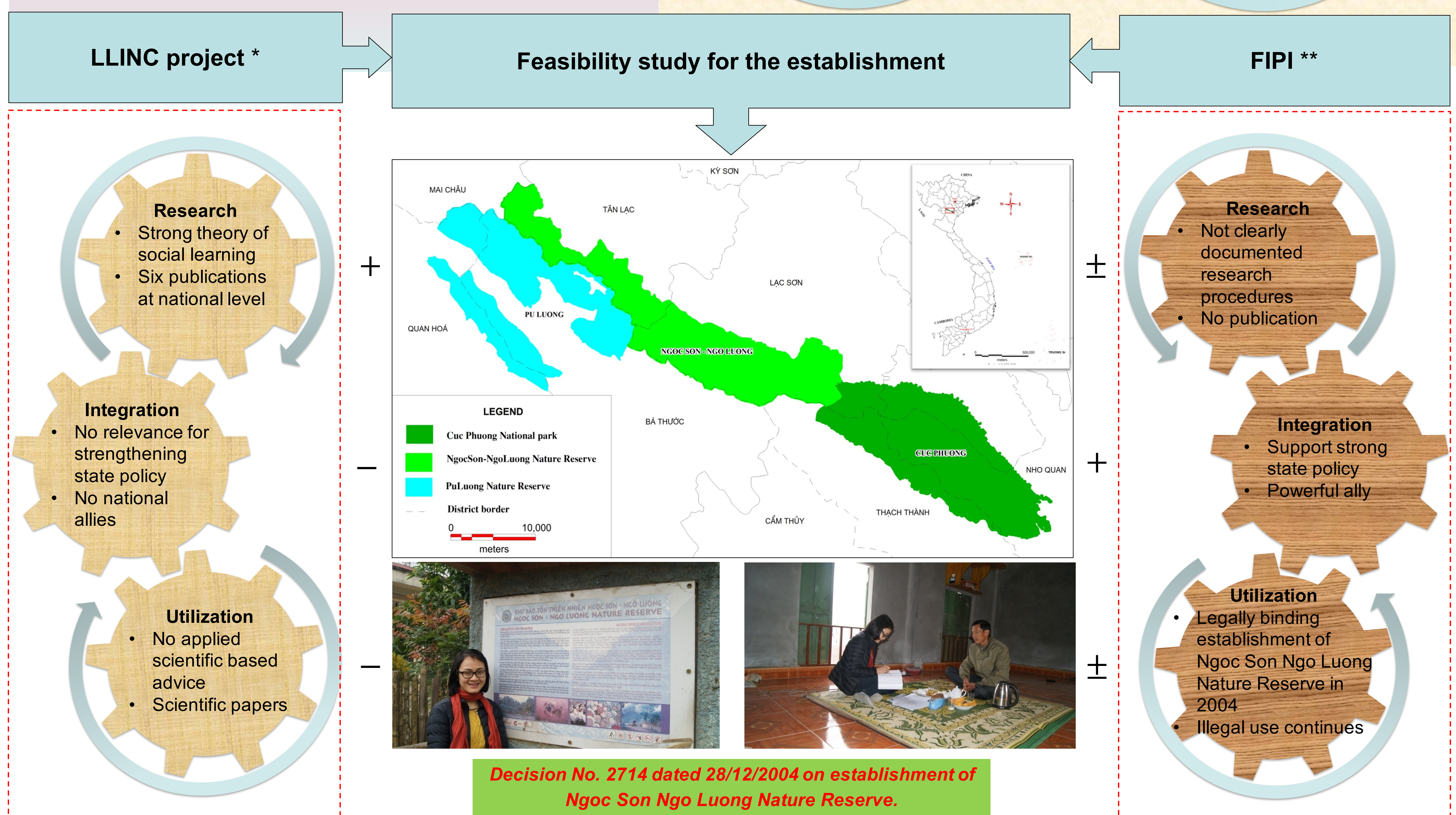
The RIU-model of scientific knowledge transfer is applied to analyze the activities of Research (R), Integration (I), and Utilization (U) within the establishment process of Ngoc Son Ngo Luong Nature Reserve, northern Vietnam. Fieldwork by a native researcher doing 16 interviews, analyzing 50 documents and doing observations from 10.2015 to 02.2016.



\***LLINC**: Limestone Landscape: Improving Negotiation for Conservation Project

\*\***FIPI**: Forest Inventory and Planning Institute

### Results



### Conclusion

Scientific solutions by LLINC project which based on good science were not utilized by stakeholders due to weak integration. Weak science by FIPI transferred by professional integration could still achieve some impacts in solving the problem in practice. Based on our analysis, three options are designed to strengthen science - based policy support (1) Need for professional integration (2) Improvement of local scientific basis (3) Need for improved communication between research and practice.

### References

- Böcher, M., Krott, M., 2016. Science Makes the World Go 'Round. Successful Scientific Knowledge Transfer for the Environment. Springer.
- Managi, S., 2012. The economics of biodiversity and ecosystem services. Routledge.

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