

Sustainability Leadership



Sustainability Leadership



Class 7:

Part 1: Conceptual Models, Participatory Modeling, Risk Assessment

Part 2: Project Reports



Foreseeability and Foresight:

Foreseeability and Foresight:

- What might happen?

Foreseeability and Foresight:

- What might happen?
- Possible threats and hazards

Foreseeability and Foresight:

- What might happen?
- Possible threats and hazards
- Knowing the system trajectory

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} System Knowledge

System knowledge
Current state and trends

Foreseeability and Foresight:

- What might happen?
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- Knowing the system trajectory
- What do we want to happen?

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System knowledge

Current state and trends

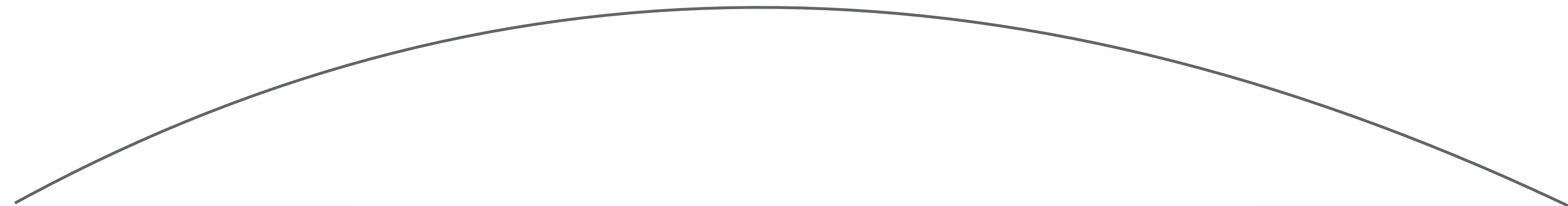
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} System Knowledge
} Goal Knowledge

System knowledge
Current state and trends

Goal knowledge
desirable future



Foreseeability and Foresight:

- What might happen?
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- Knowing the system trajectory
- What do we want to happen?
- How can we impact the system trajectory?

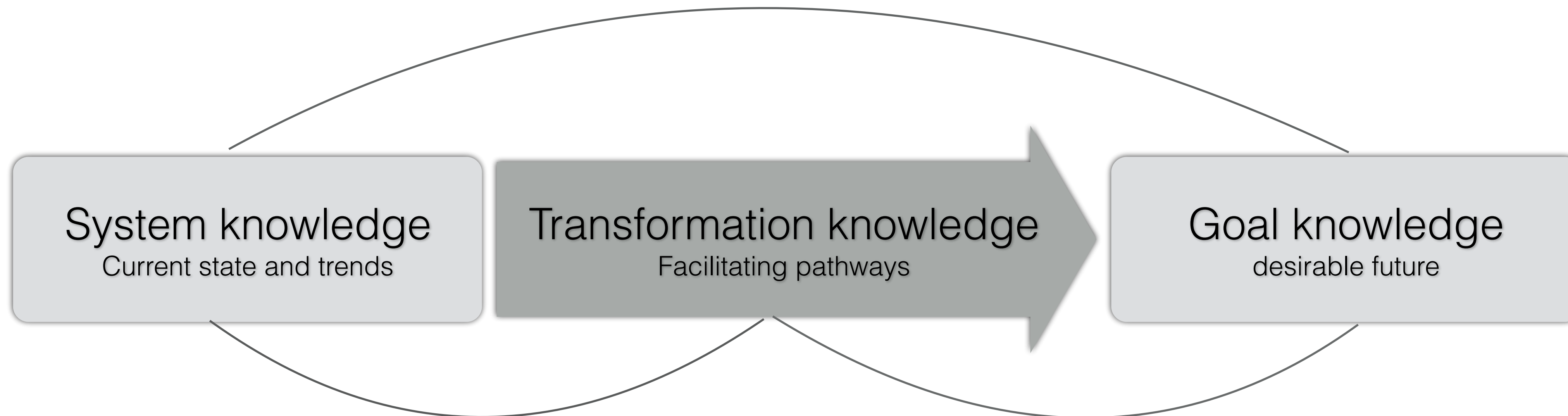
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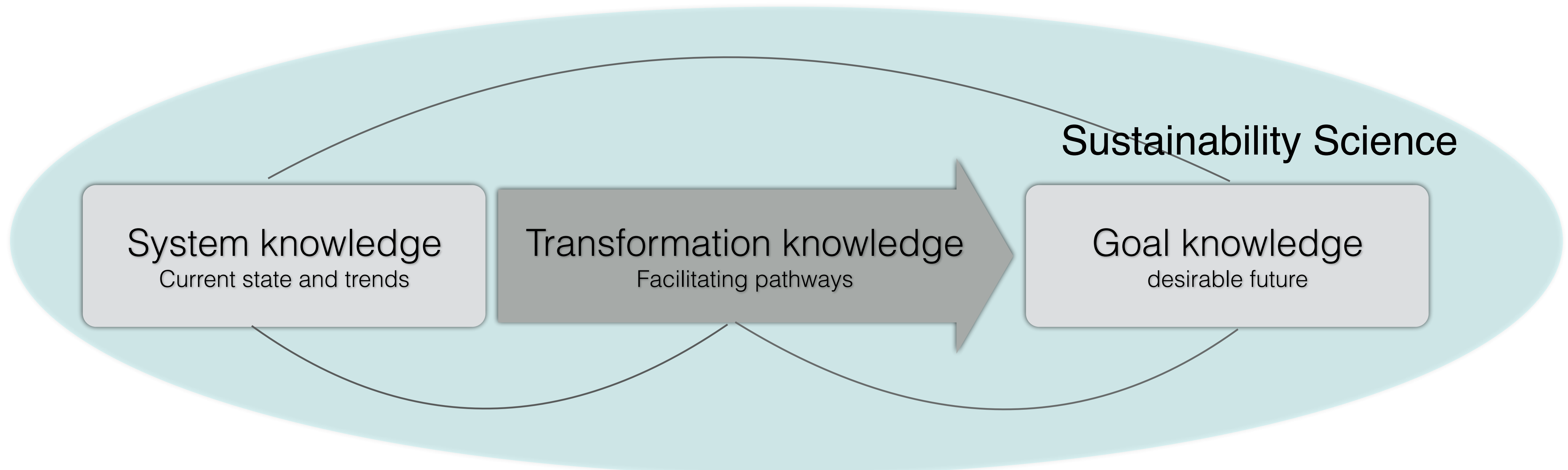
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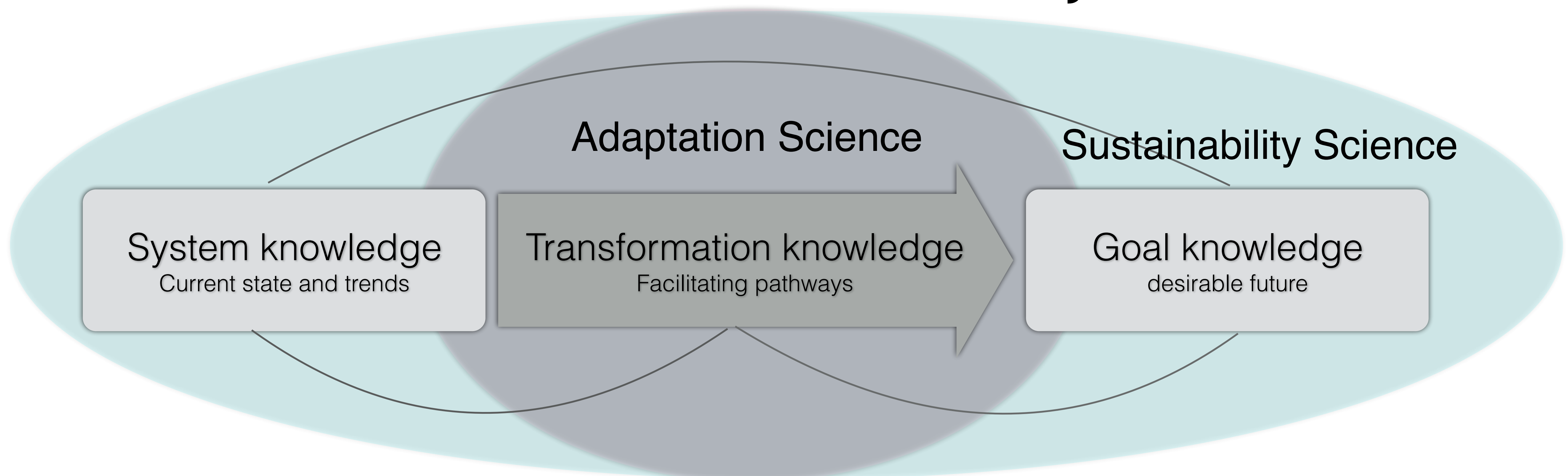
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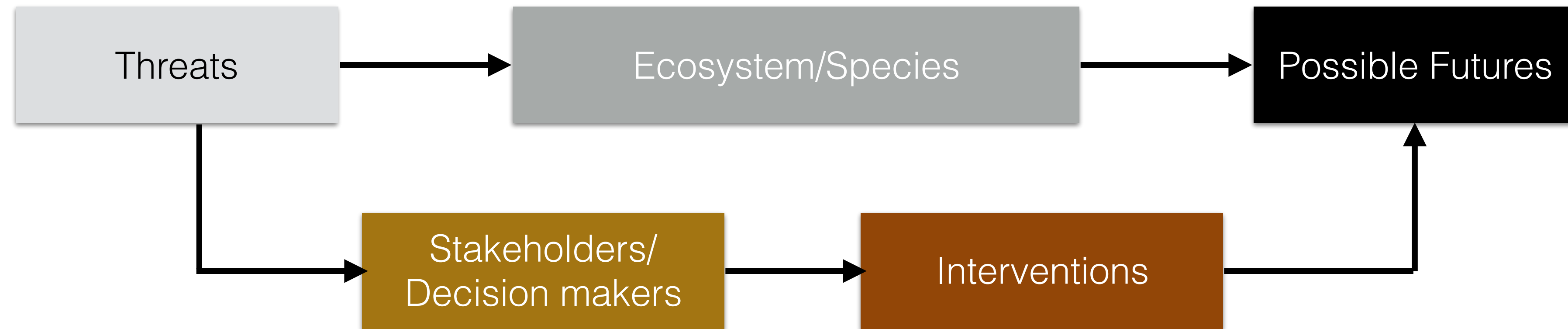


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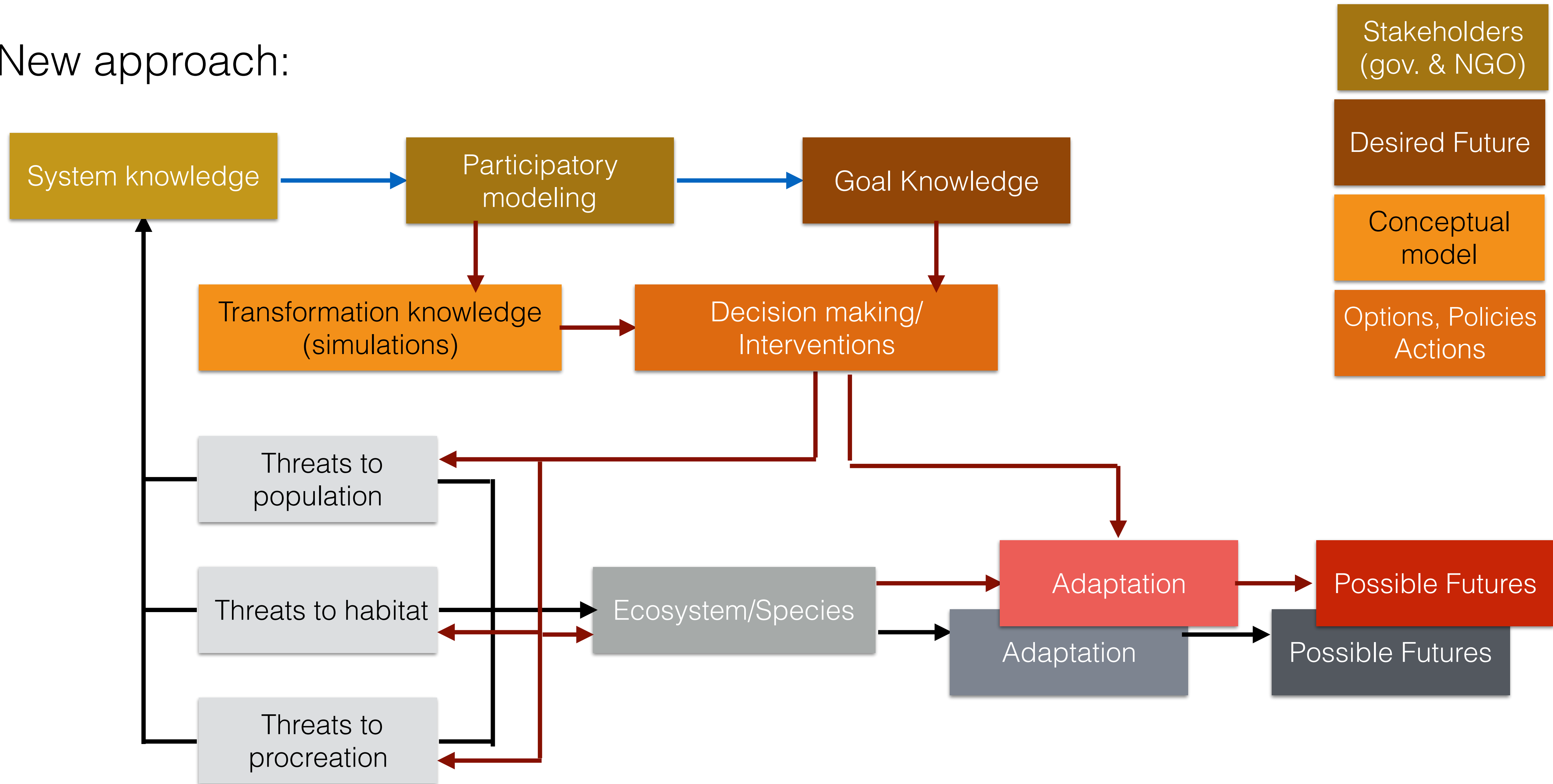
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Traditional Science



New approach:



System State



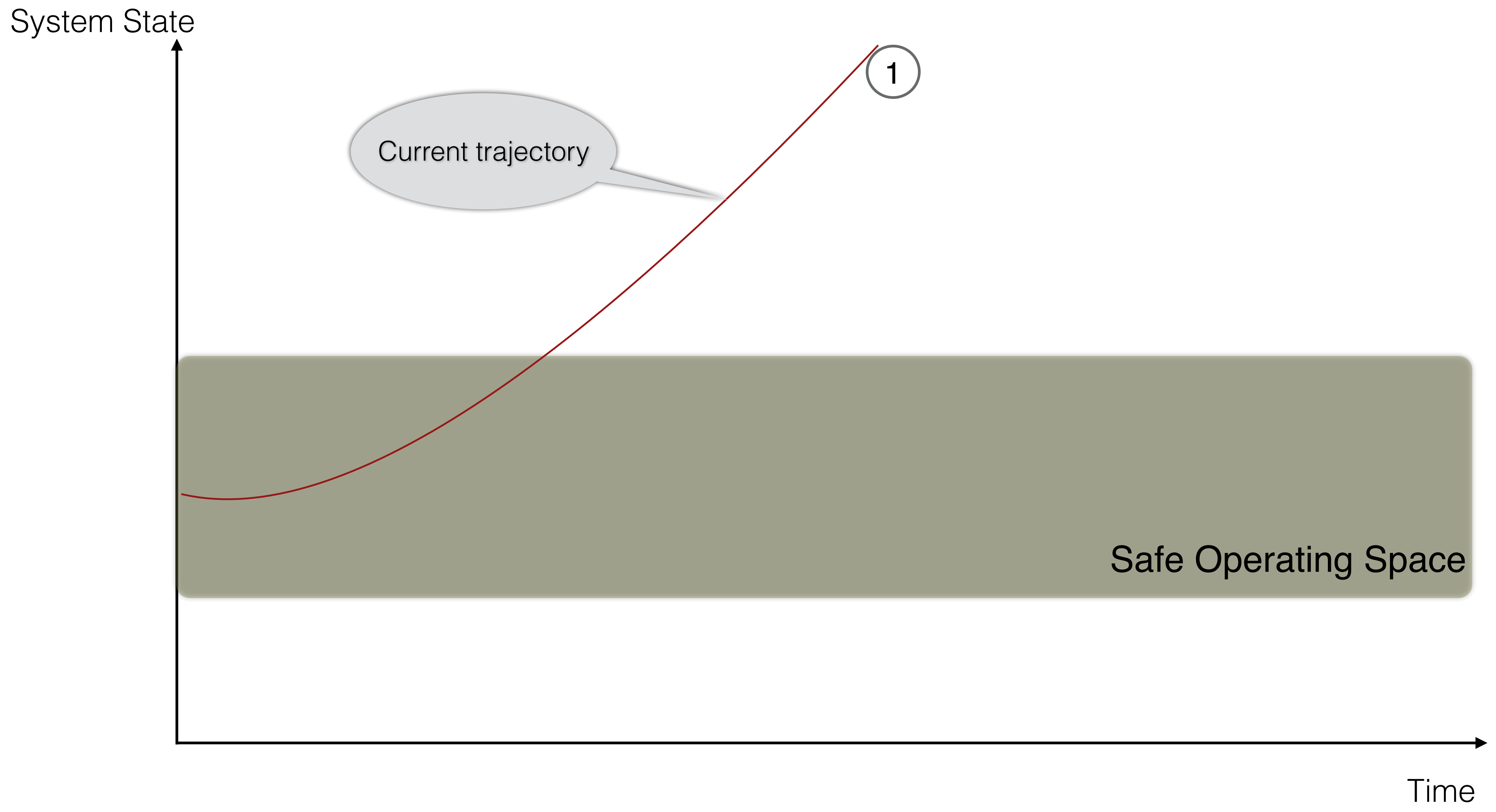
Time

System State

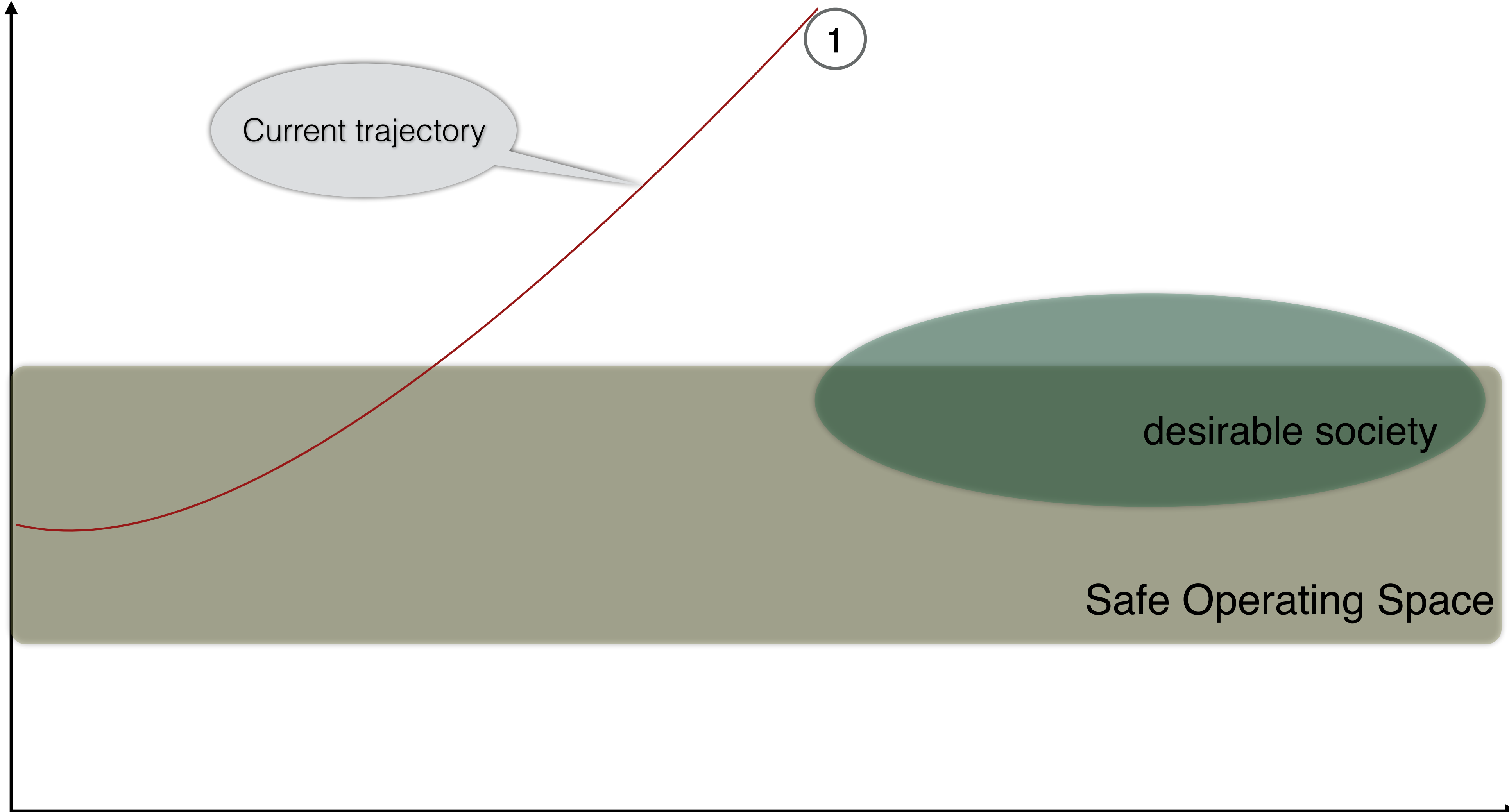


Safe Operating Space

Time



System State



Current trajectory

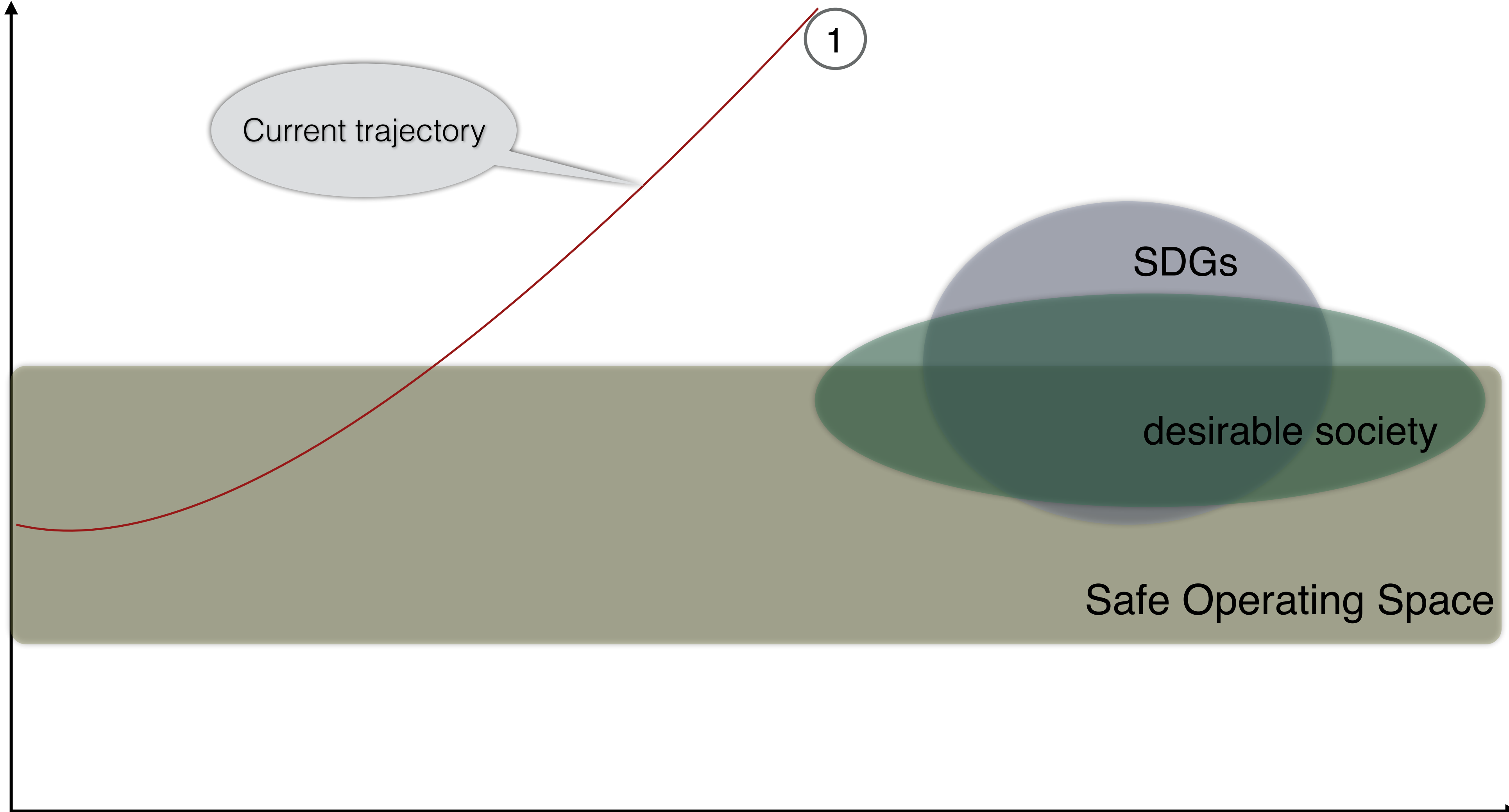
1

desirable society

Safe Operating Space

Time

System State



Current trajectory

1

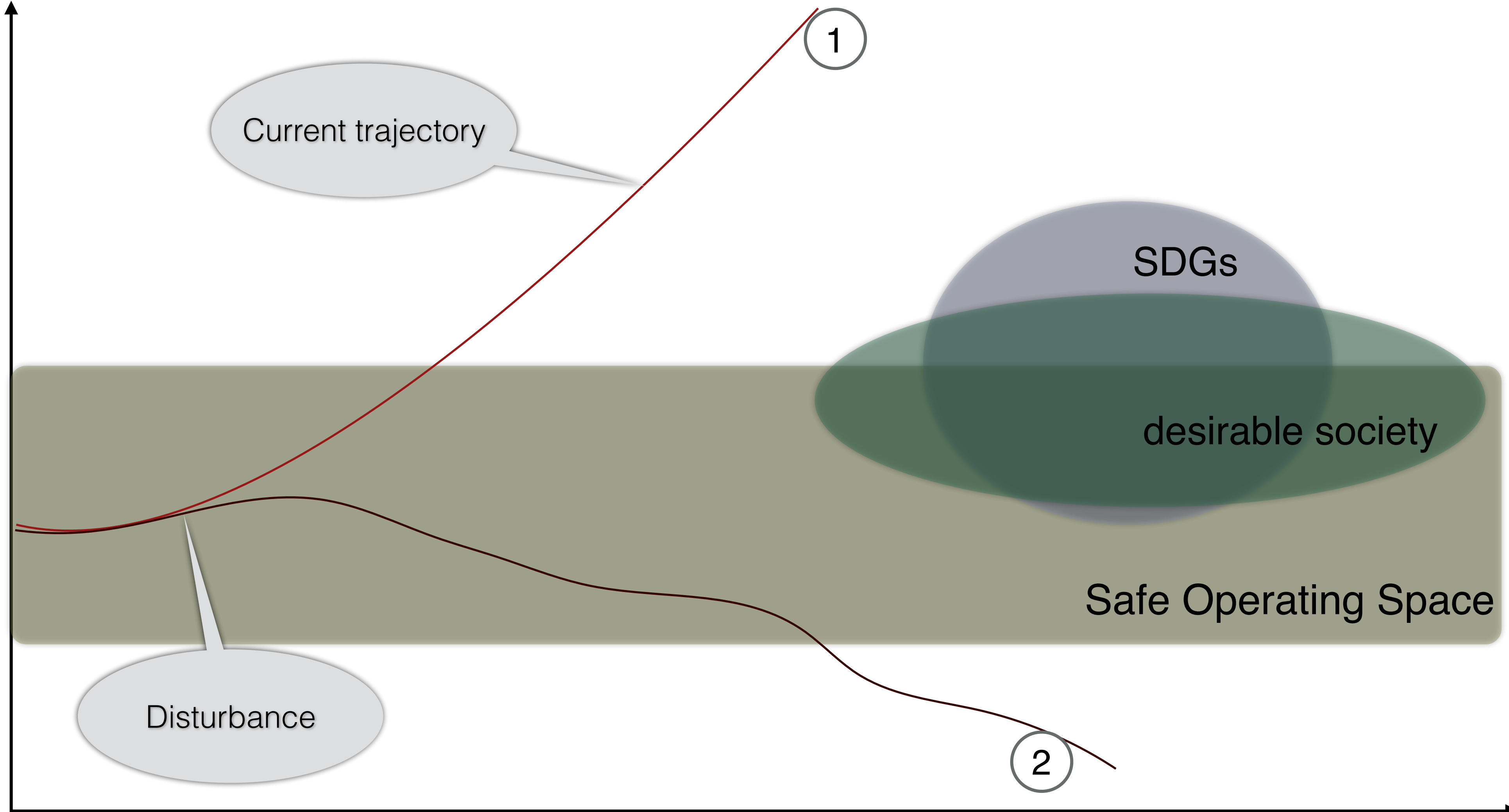
SDGs

desirable society

Safe Operating Space

Time

System State



Current trajectory

1

SDGs

desirable society

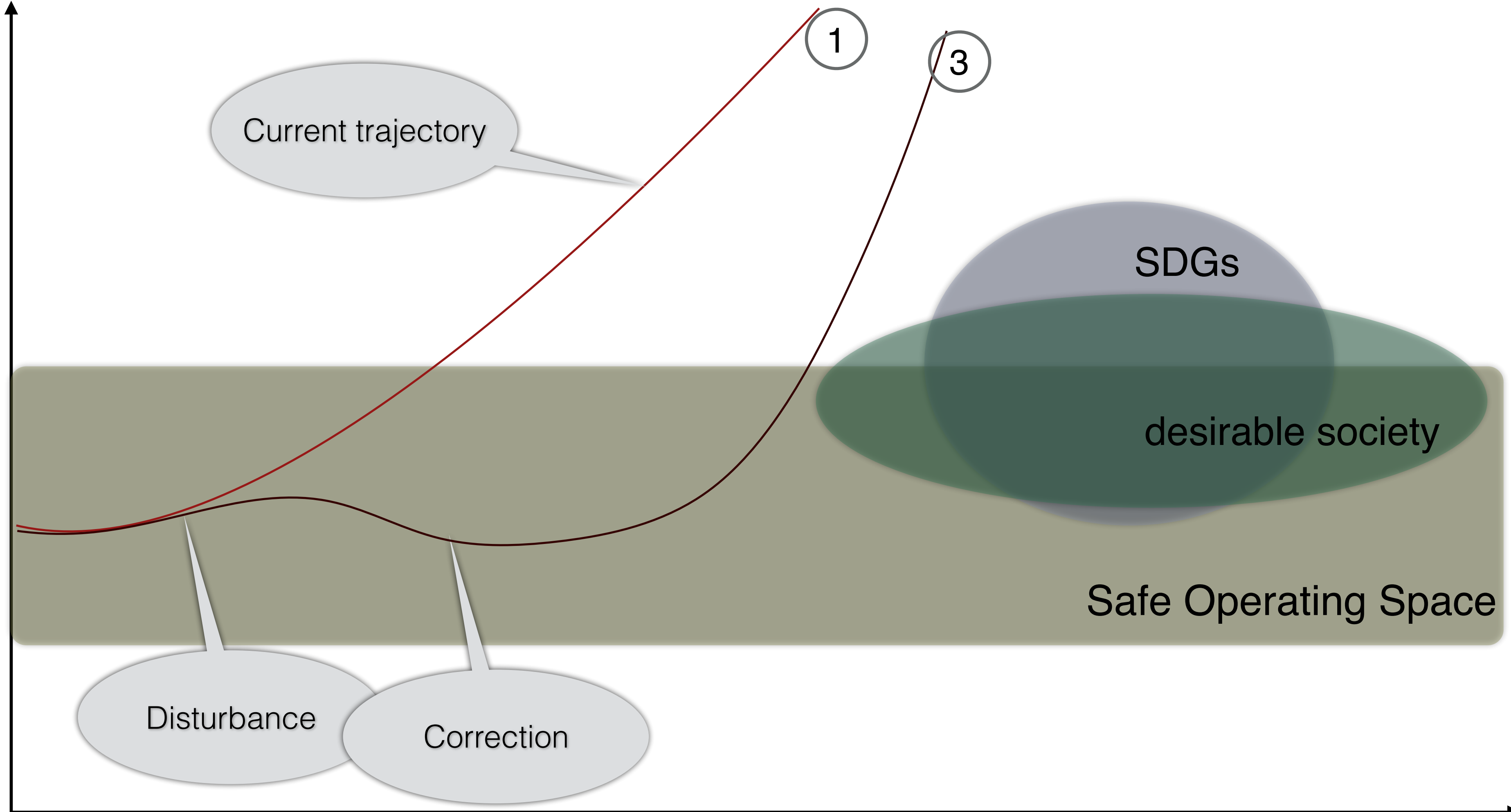
Safe Operating Space

Disturbance

2

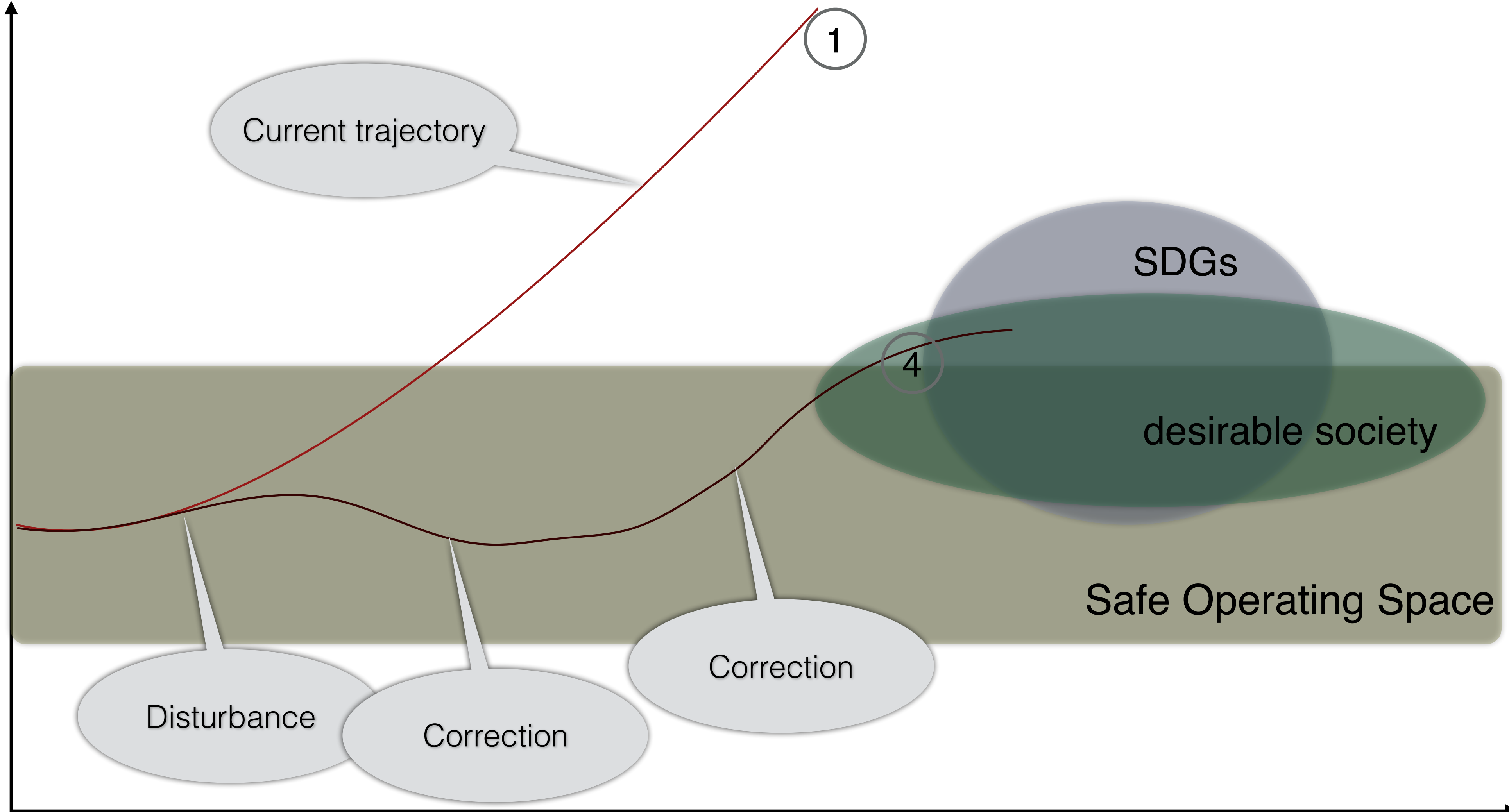
Time

System State



Time

System State



Time

Part 2: Foresight

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