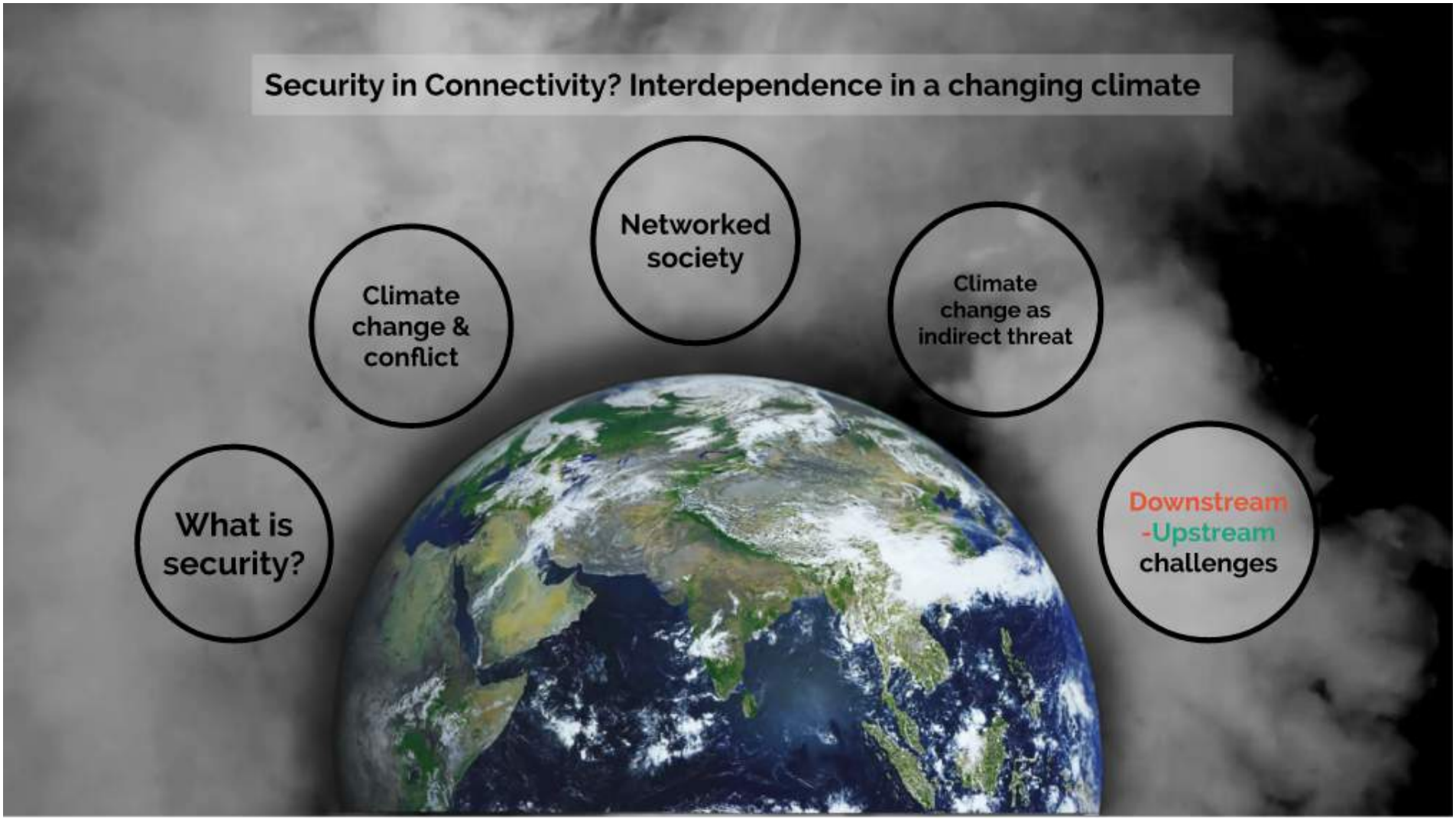
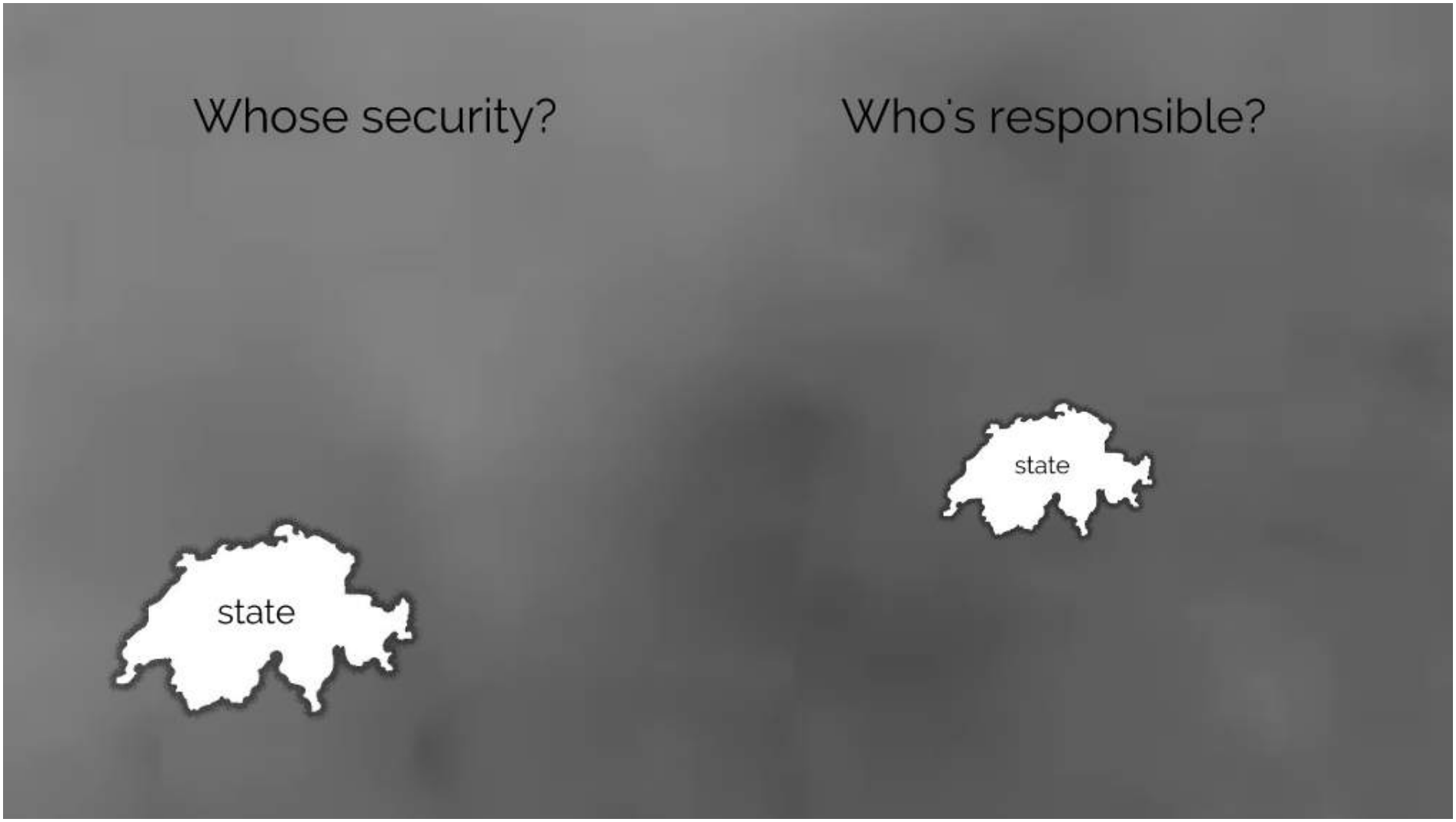
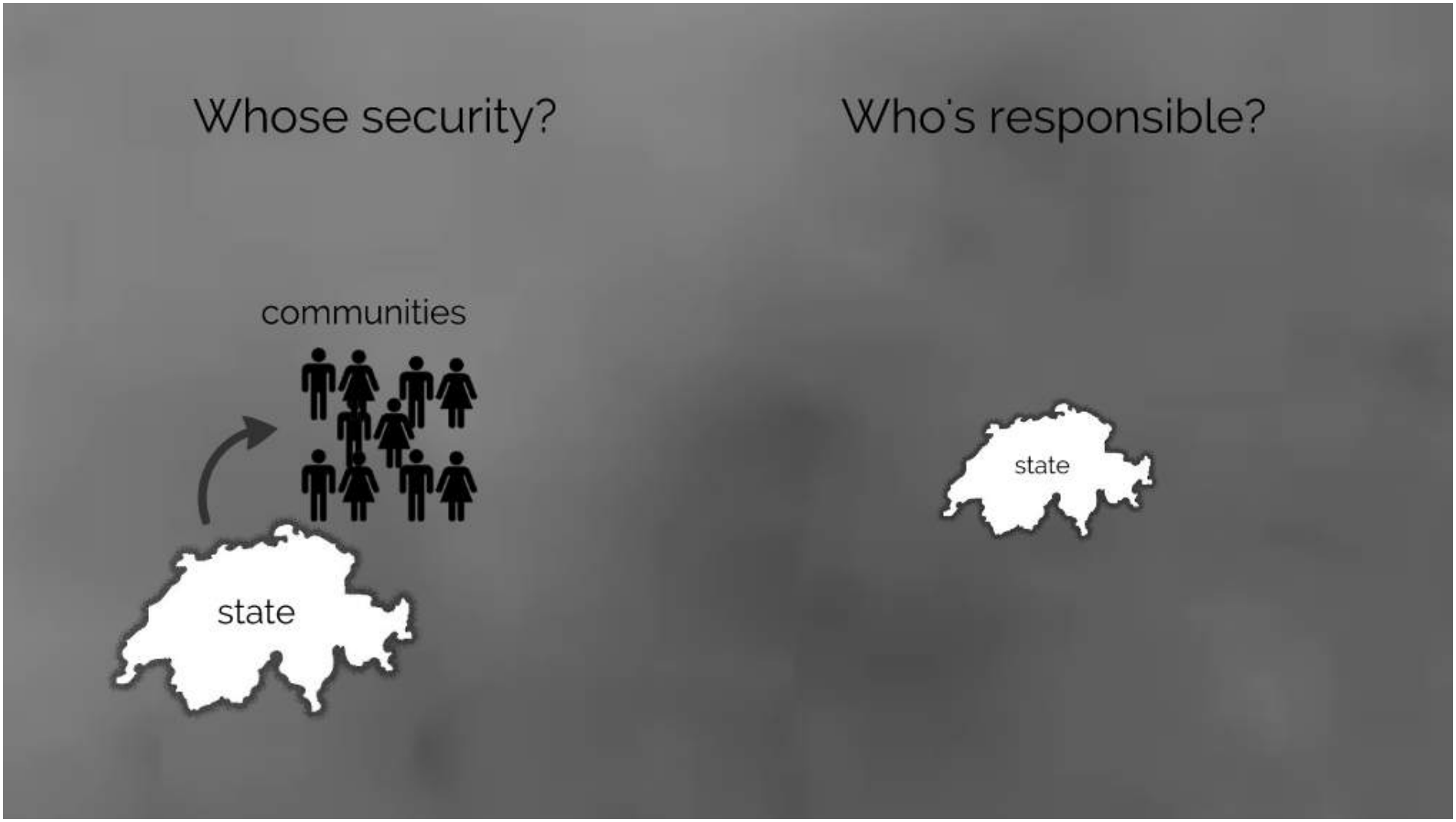

Security in Connectivity? Interdependence in a changing climate
Networked society
Climate change & conflict
Climate change as indirect threat
What is security?
Downstream
-Upstream
challenges


What is security?


What is security?
the ability to live free of threat


Whose security?
Who's responsible?


Whose security?
Who's responsible?
state
state


Whose security?
Who's responsible?
communities
state
state


Whose security?
Who's responsible?
individual
communities
state
state


Whose security?
individual
communities
state
Who's responsible?
international
organisations
state


Whose security?
individual
communities
state
Who's responsible?
international organisations
state
regional & local governments


Whose security?
individual
communities
state
Who's responsible?
international organisations
state
NGO
non-government organisations
regional & local governments


Whose security?
individual
communities
state
Who's responsible?
international organisations
media
state
NGO
non-government organisations
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Whose security?
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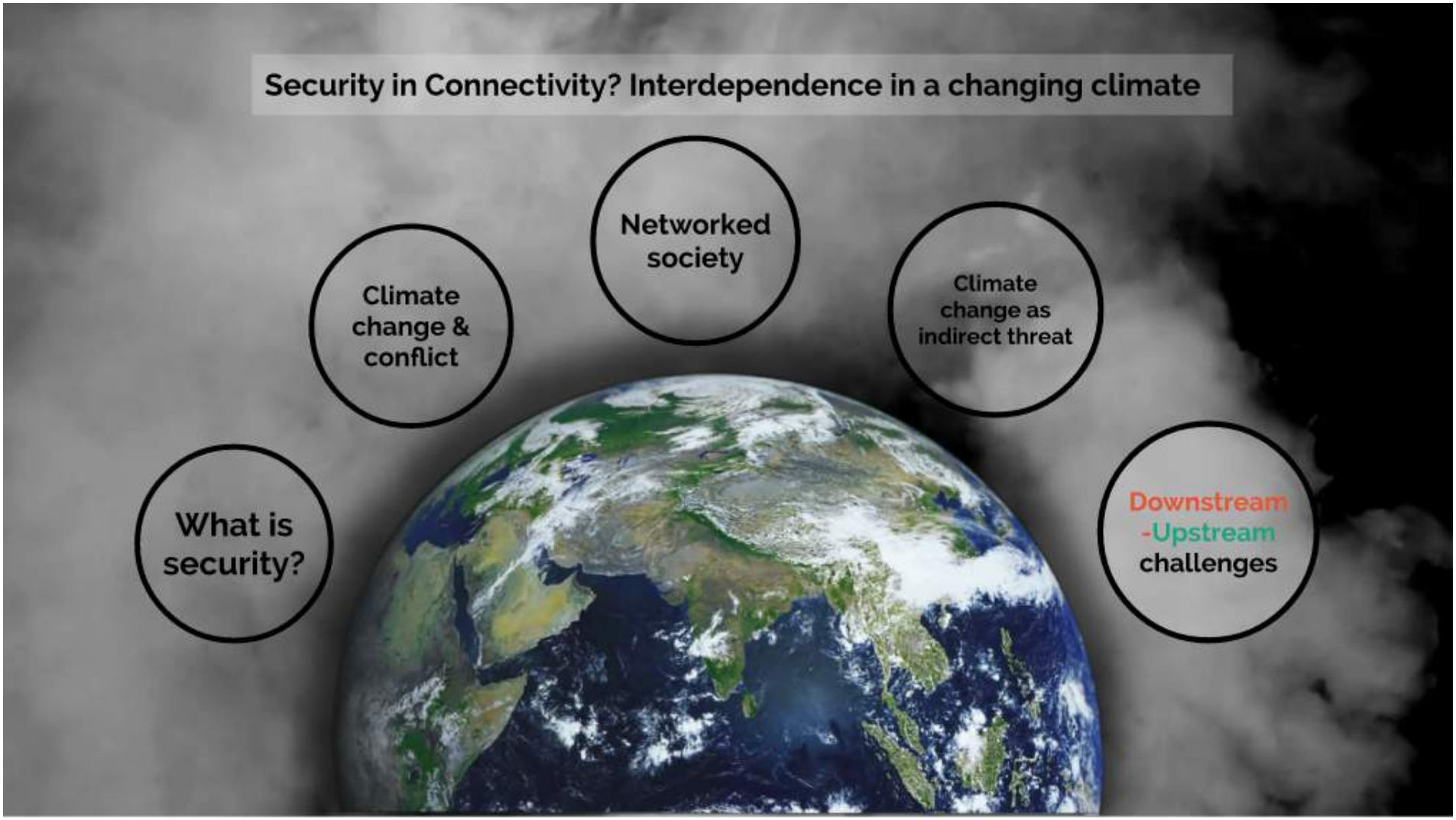
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Climate change & conflict

Assumption:

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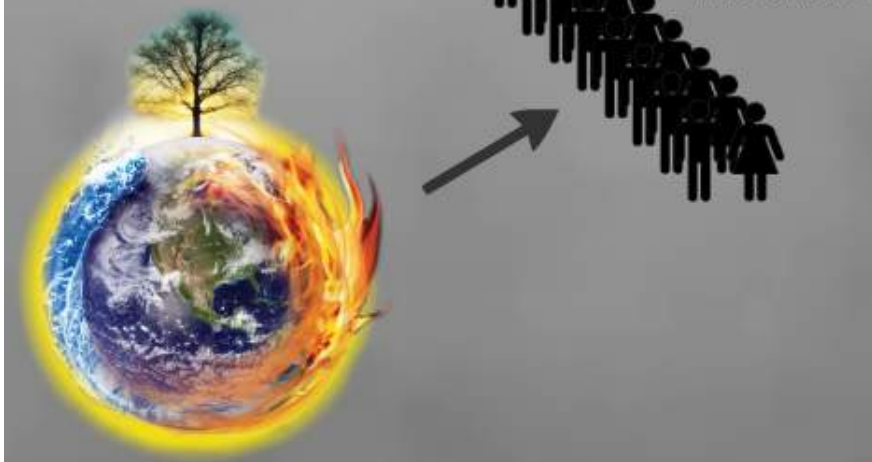

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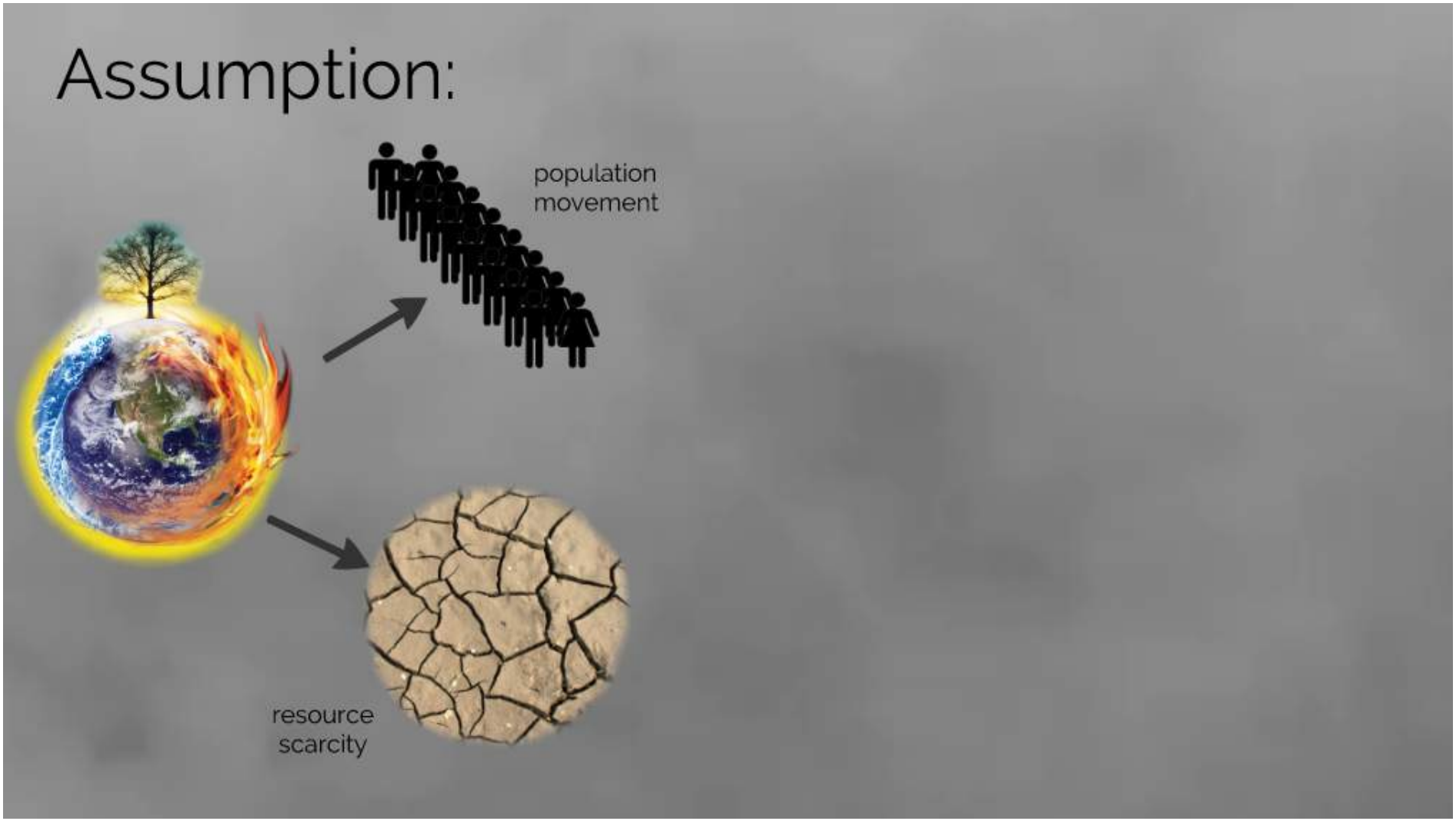
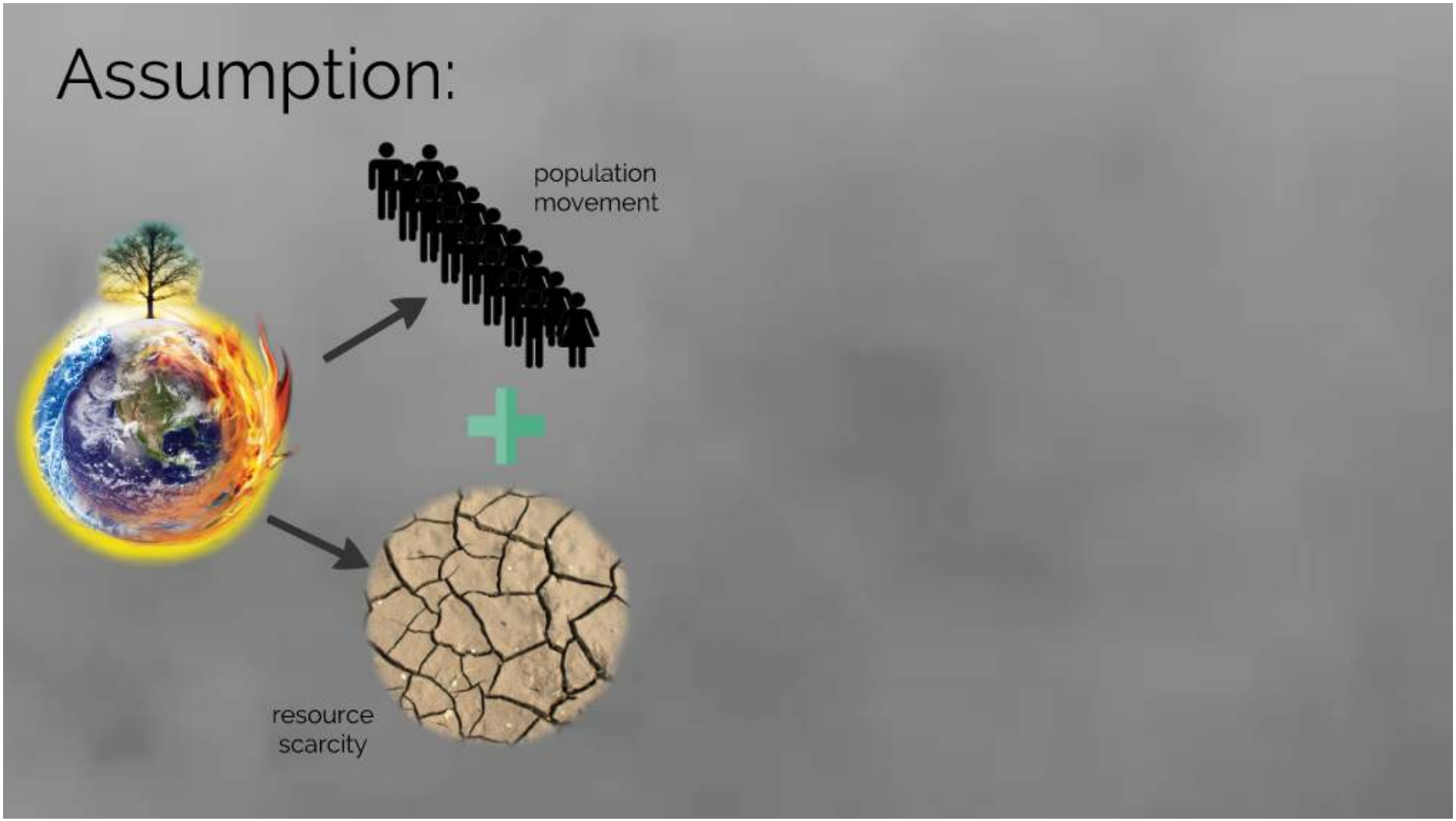
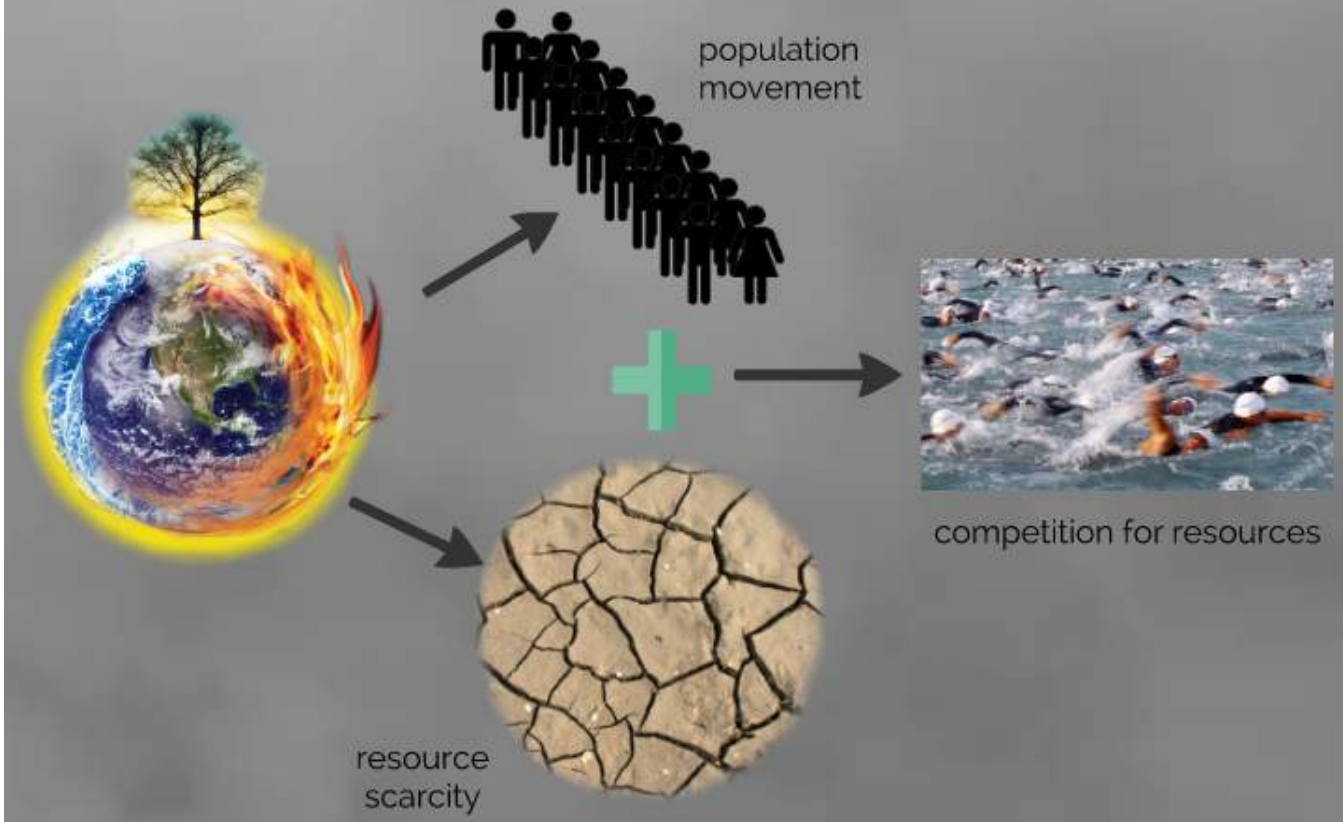



Assumption:
population
movement
resource
scarcity

Assumption:


population
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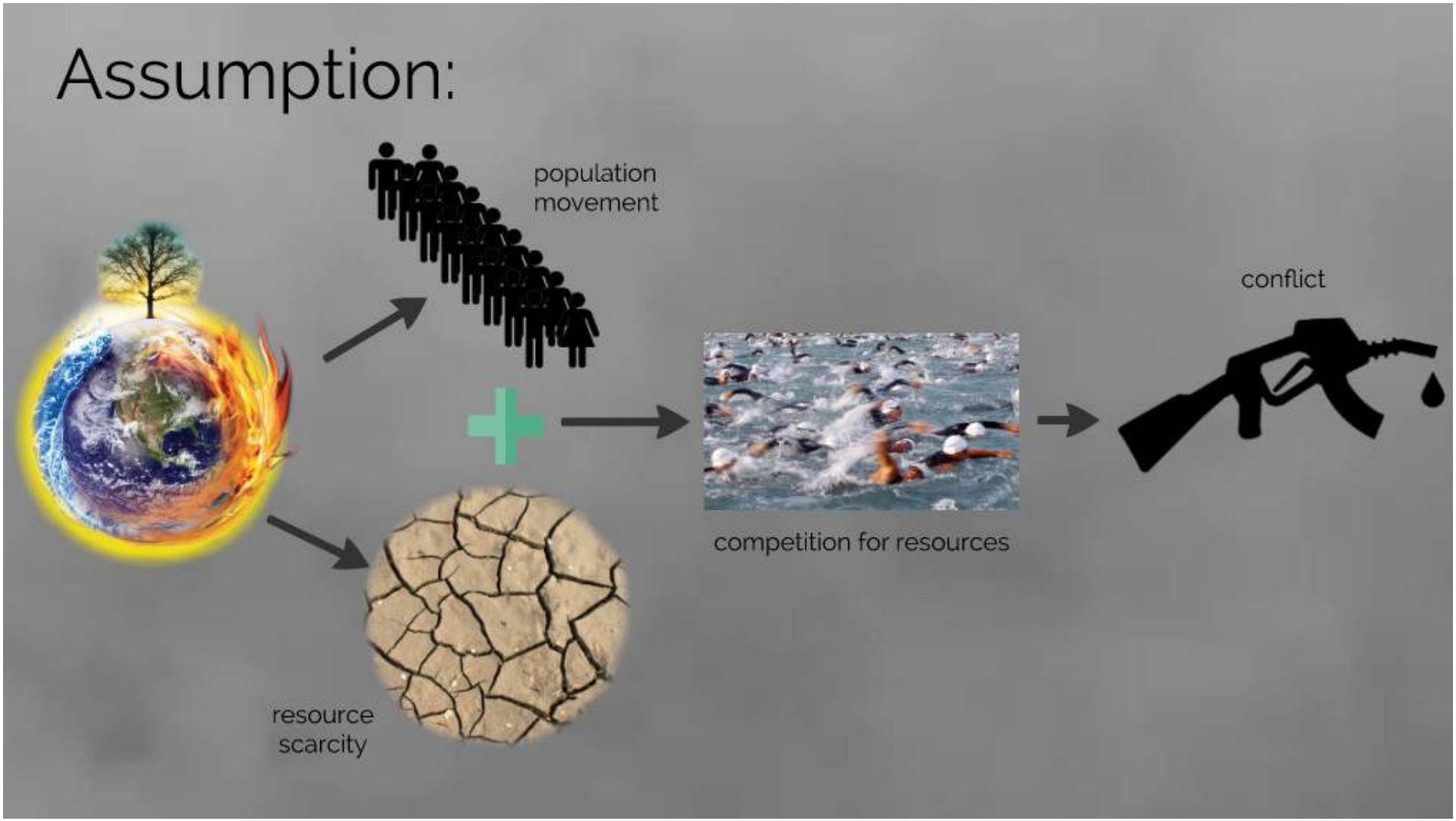
Assumption:
population
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conflict
competition for resources
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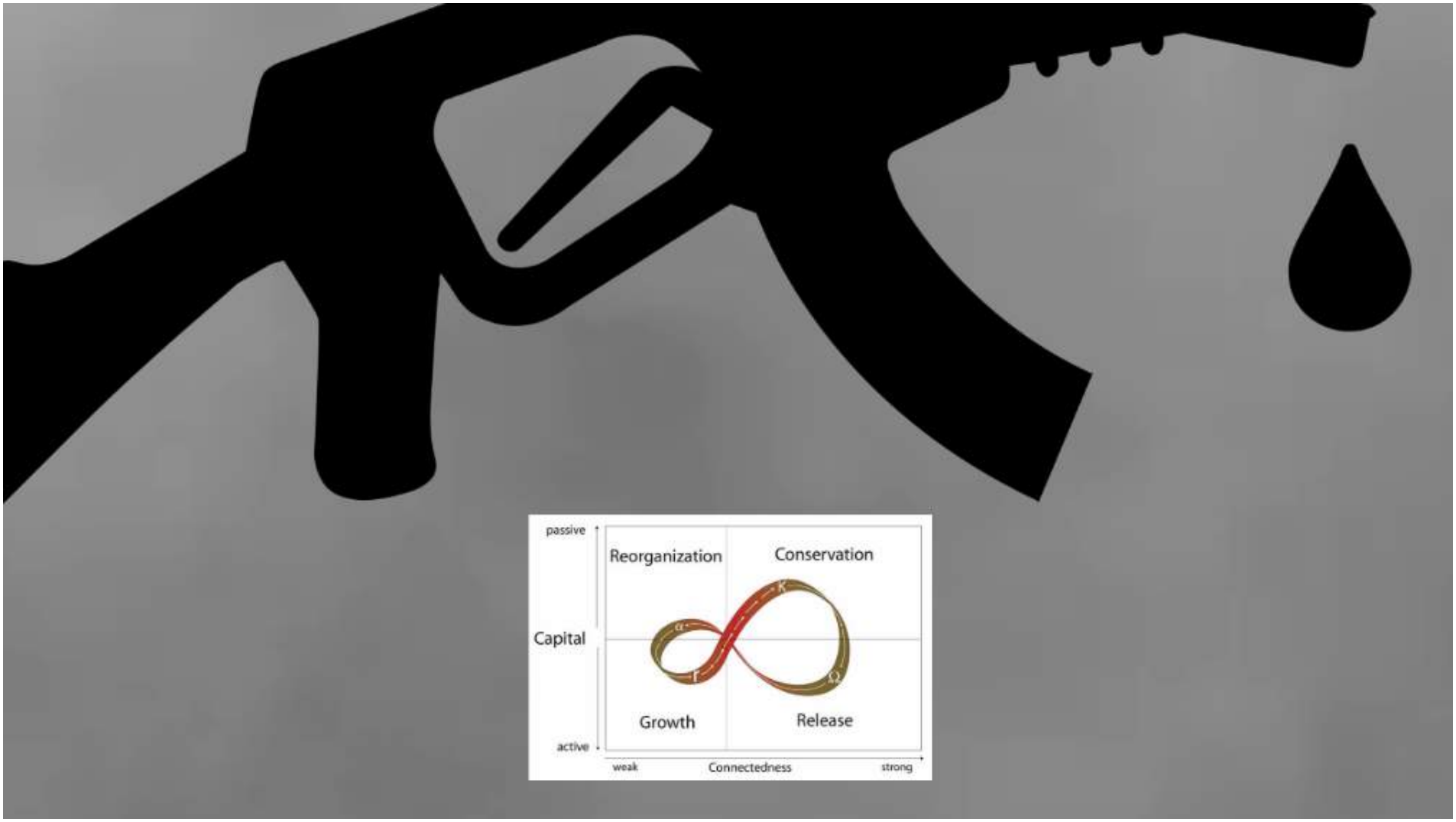
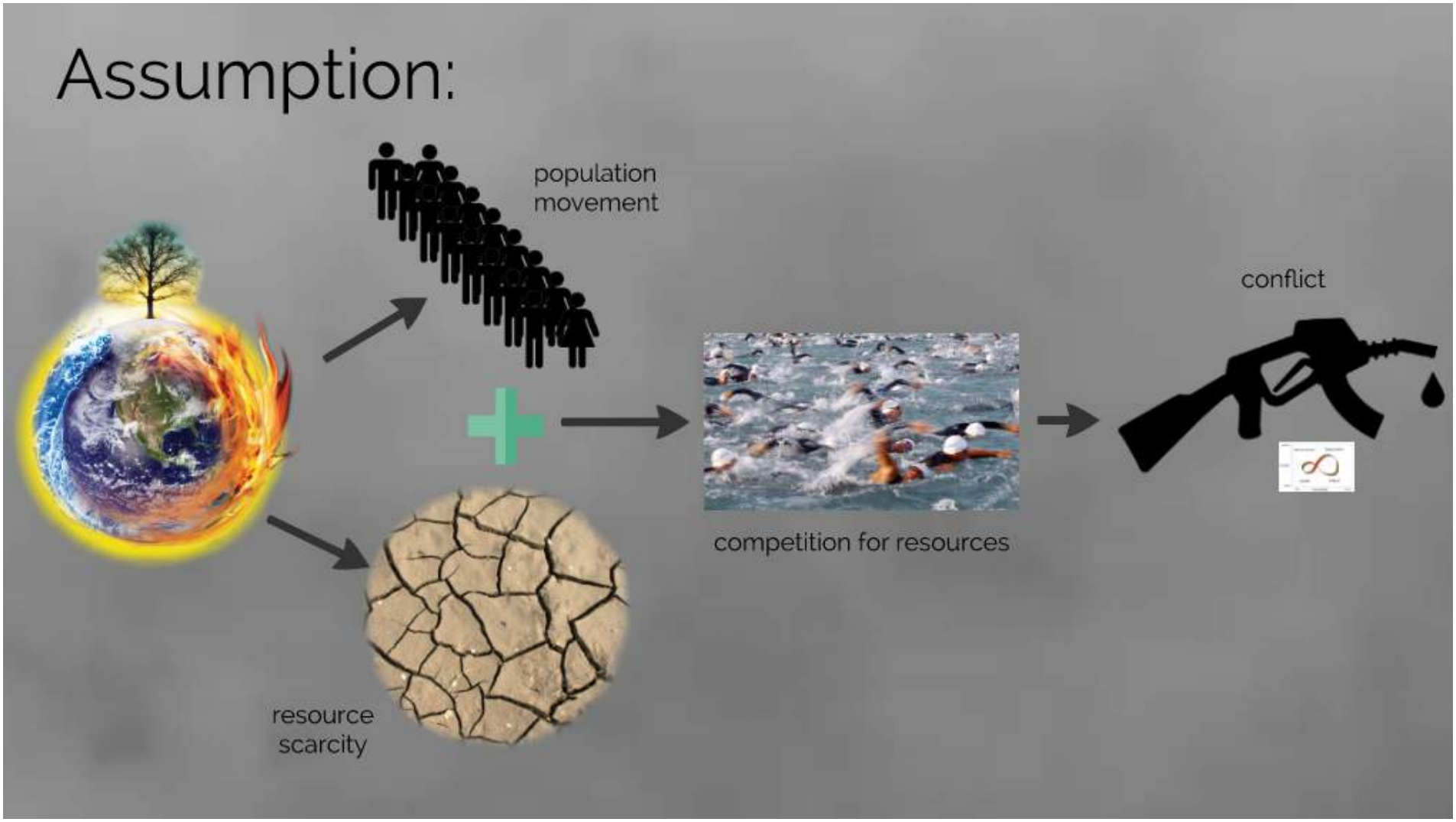

passive
Reorganization
Conservation
Capital
Growth
Release
active
weak
Connectedness
strong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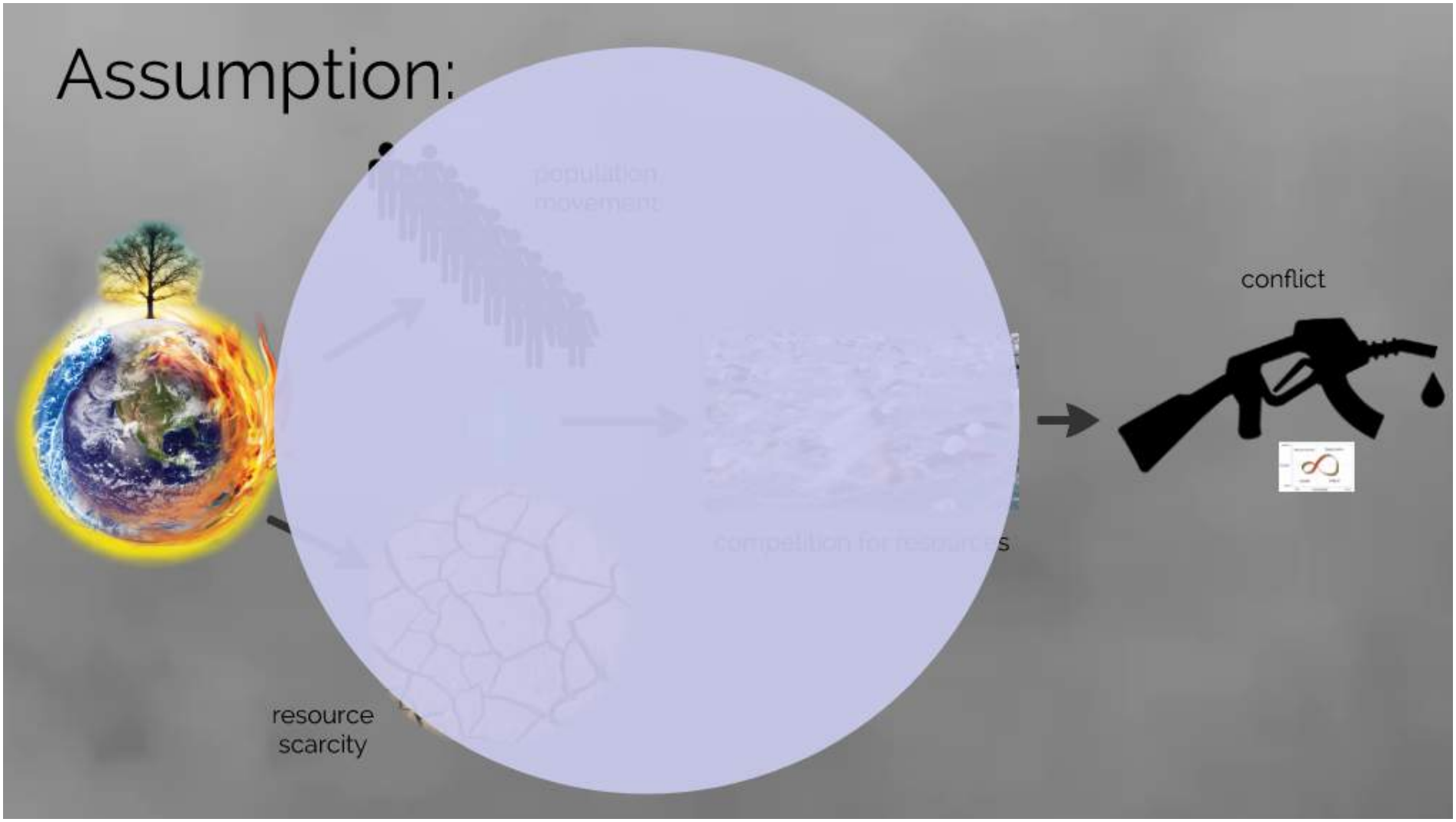
Assumption:
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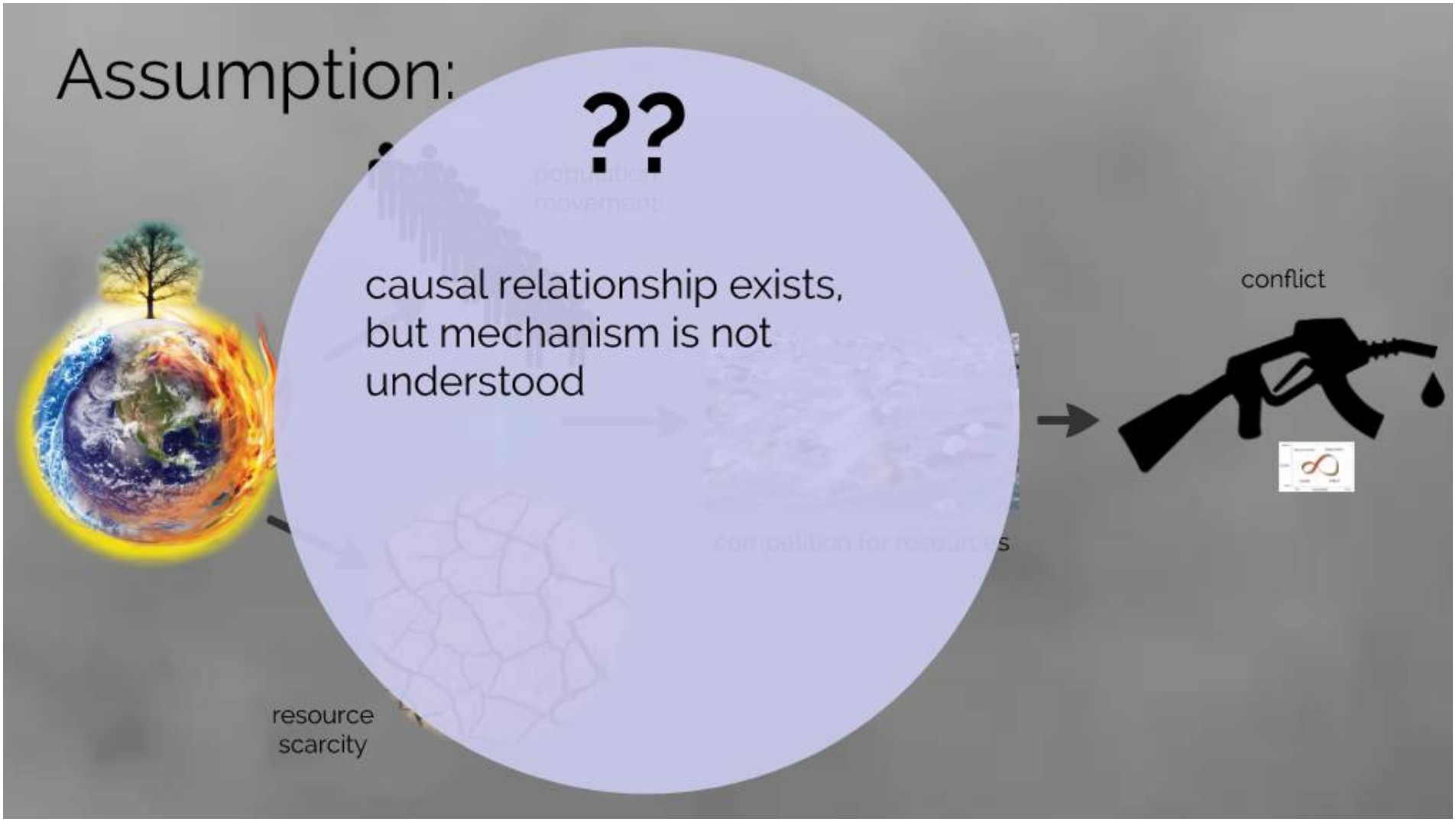
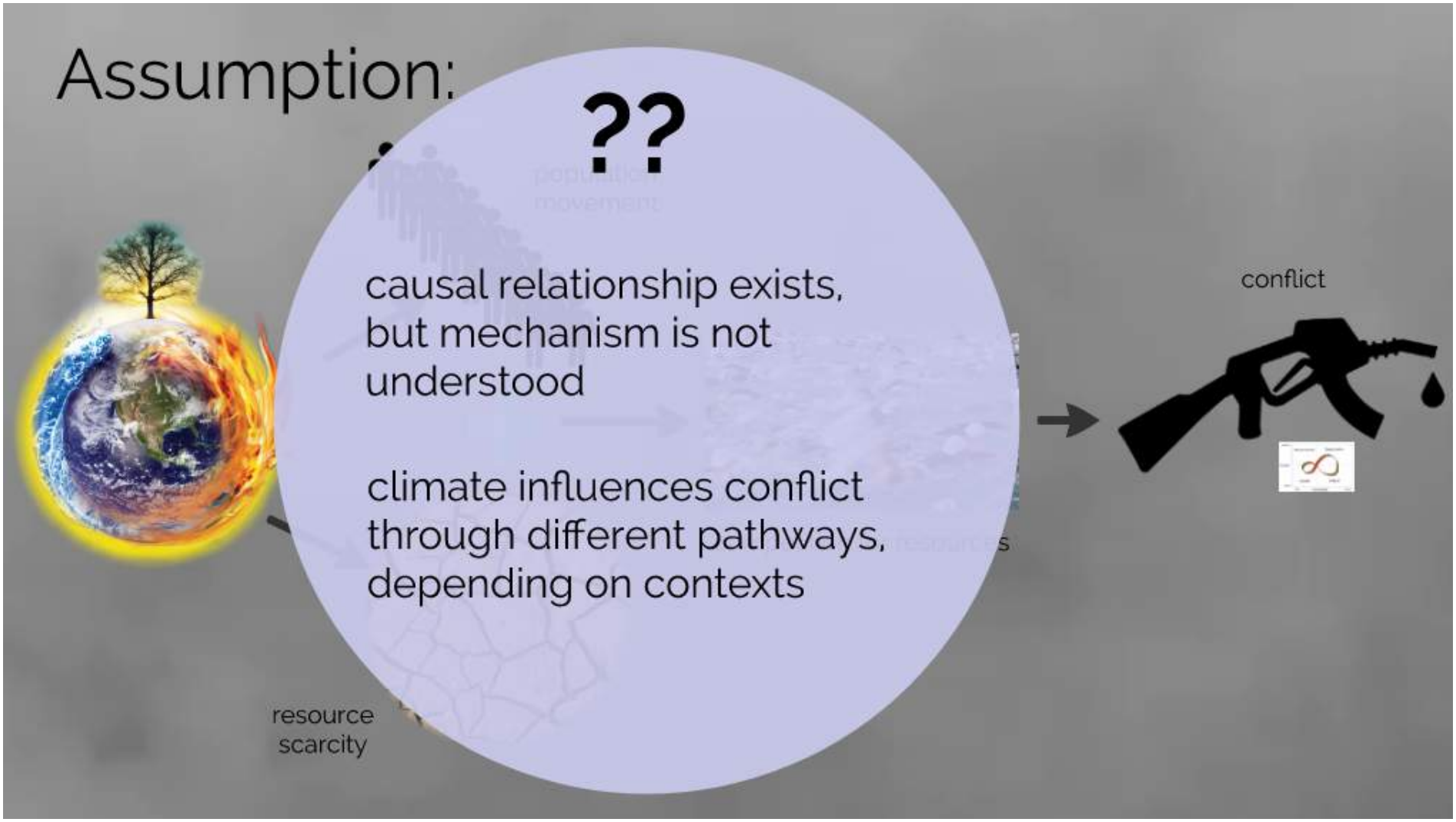
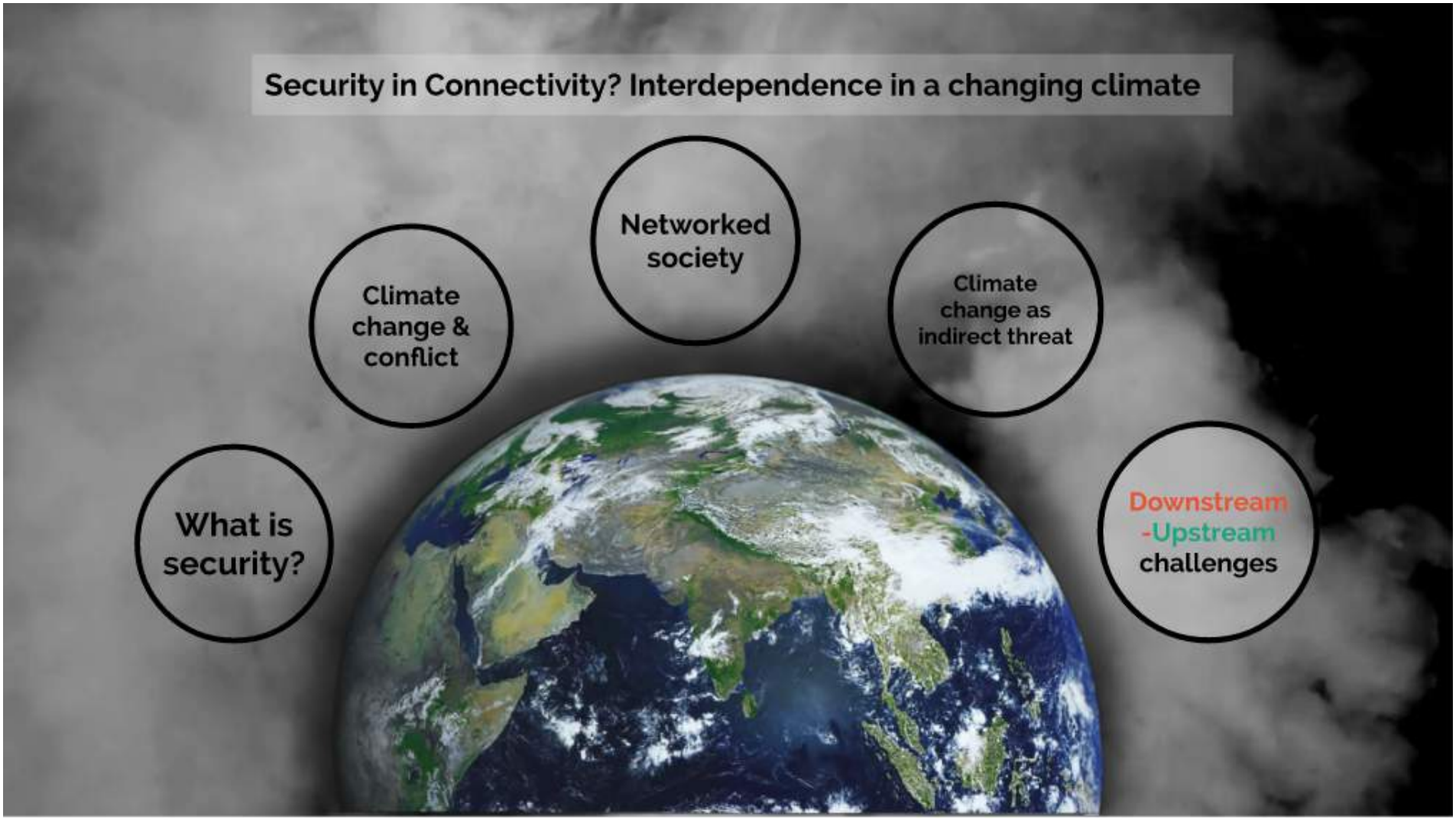

Assumption:
??
causal relationship exists, but mechanism is not understood
conflict
resource scarcity


Assumption:
??
causal relationship exists, but mechanism is not understood
climate influences conflict through different pathways, depending on contexts
conflict
resource scarcity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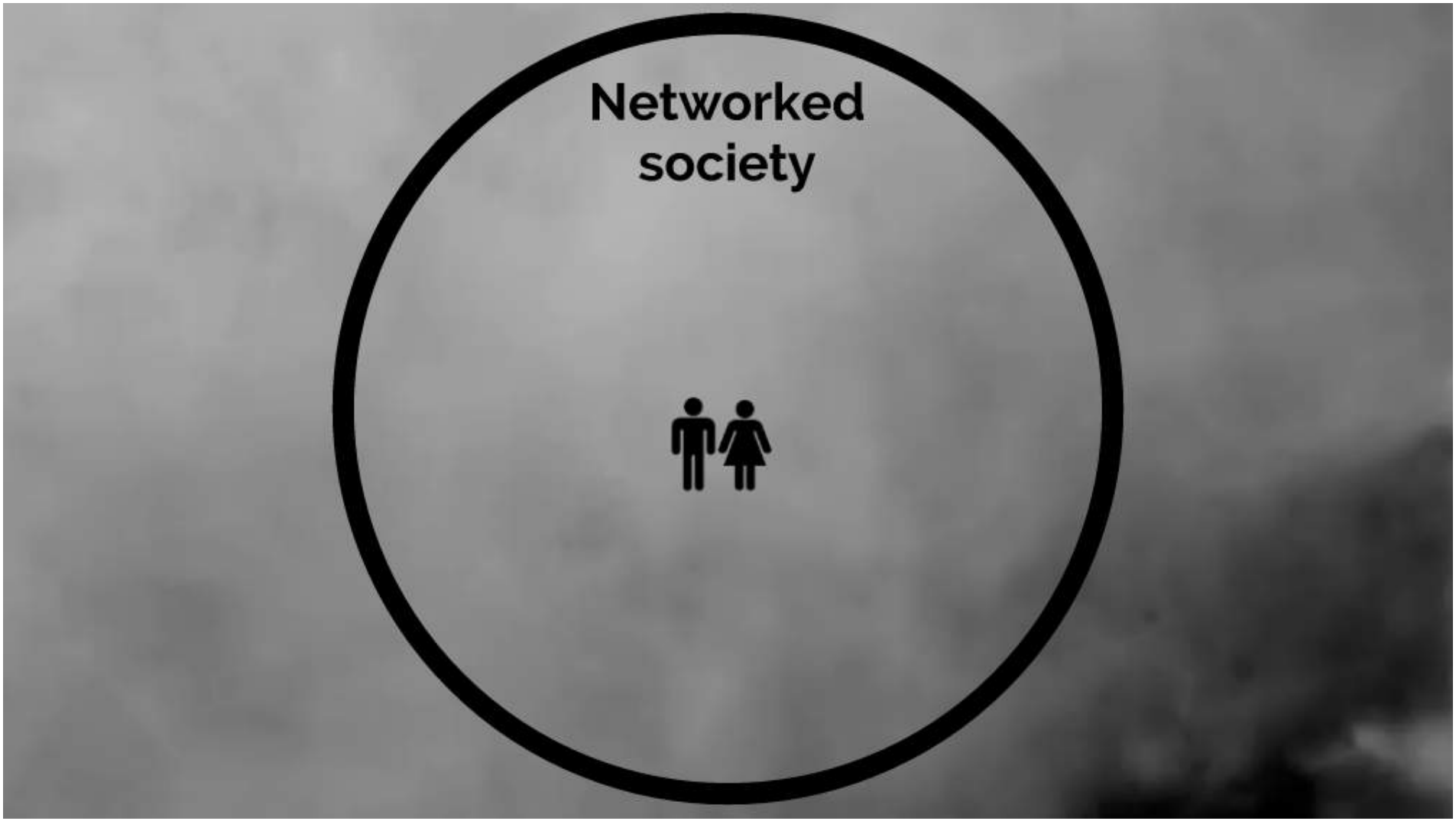
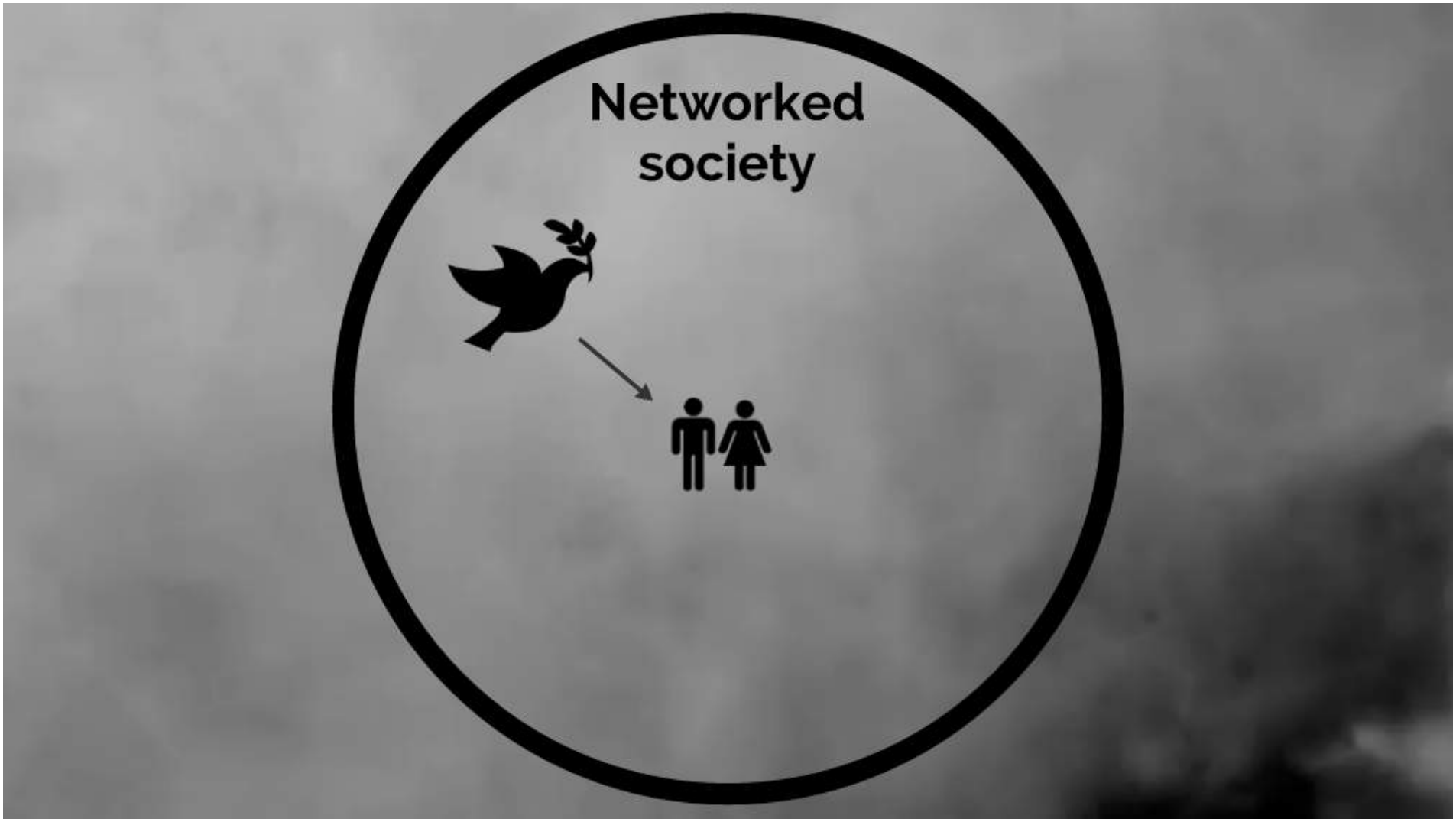

Networked
society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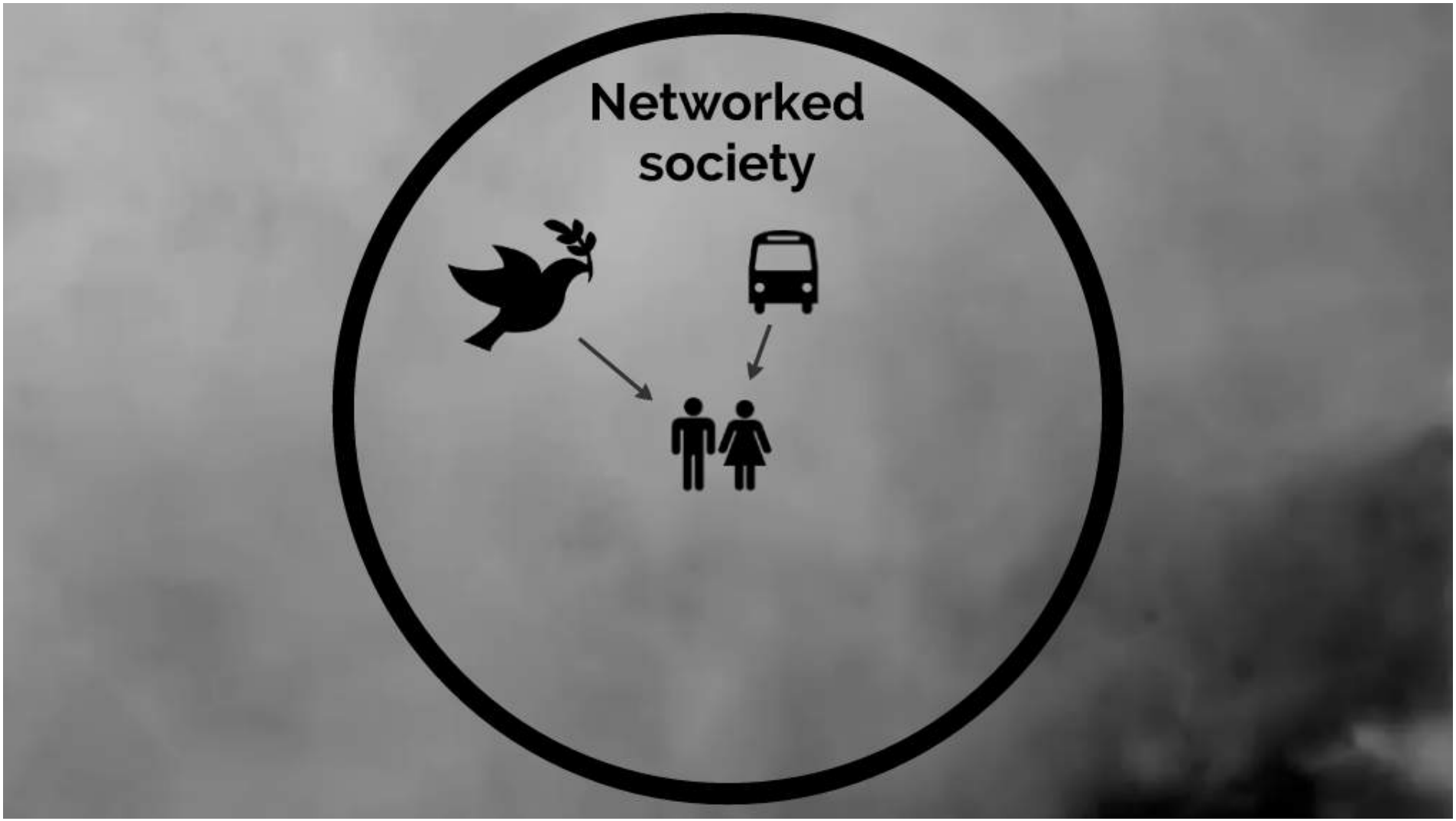
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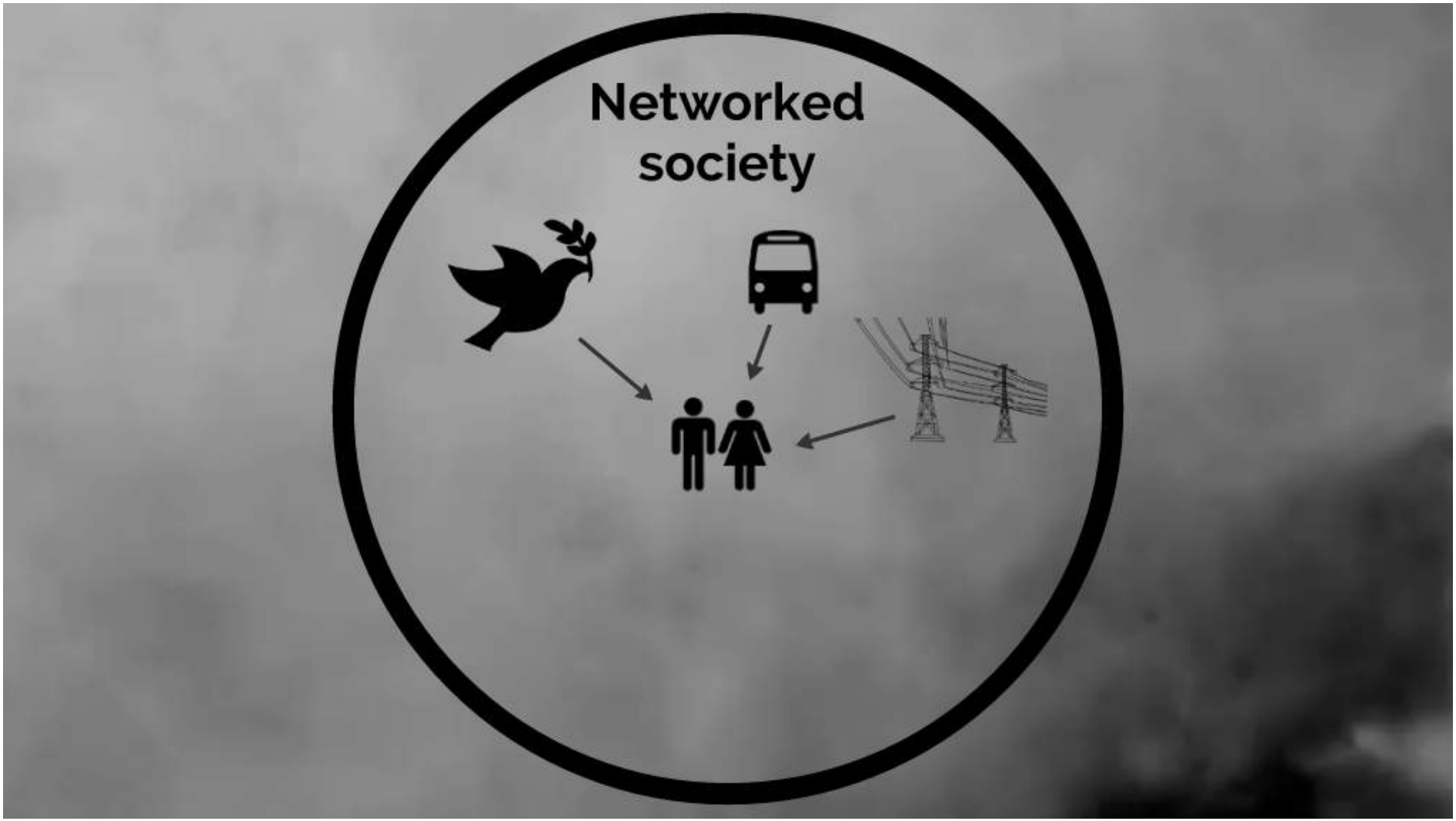
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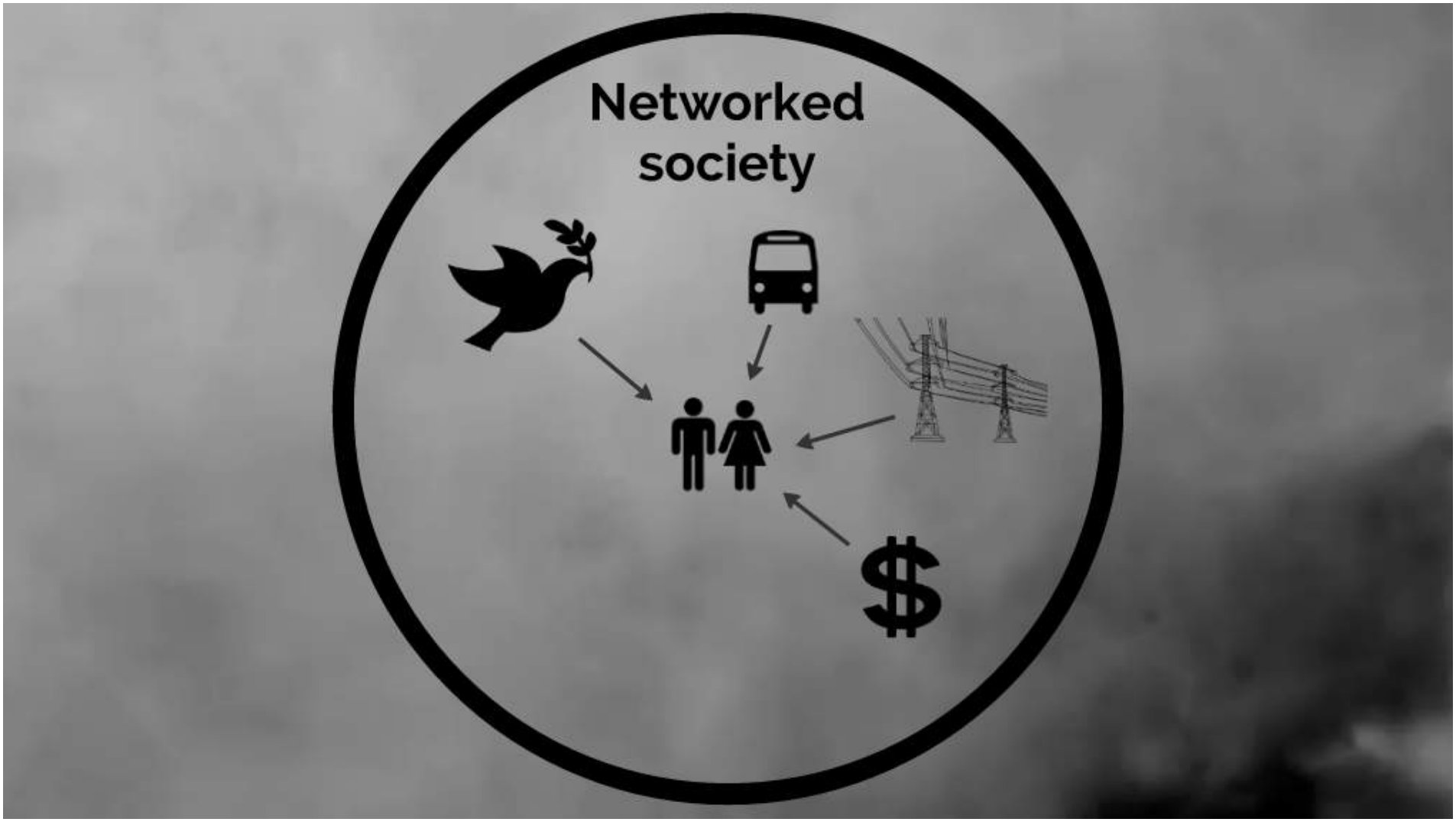
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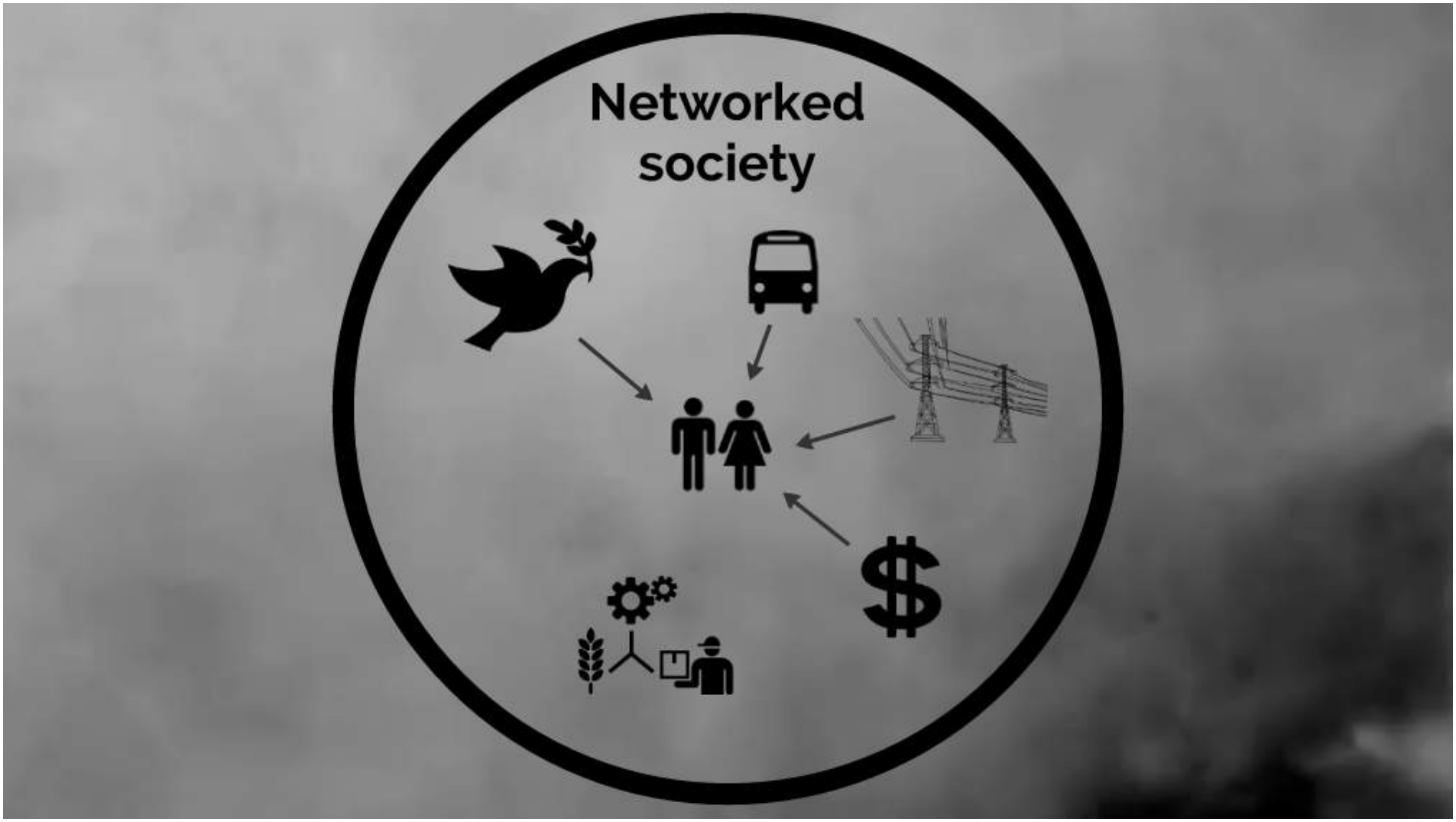
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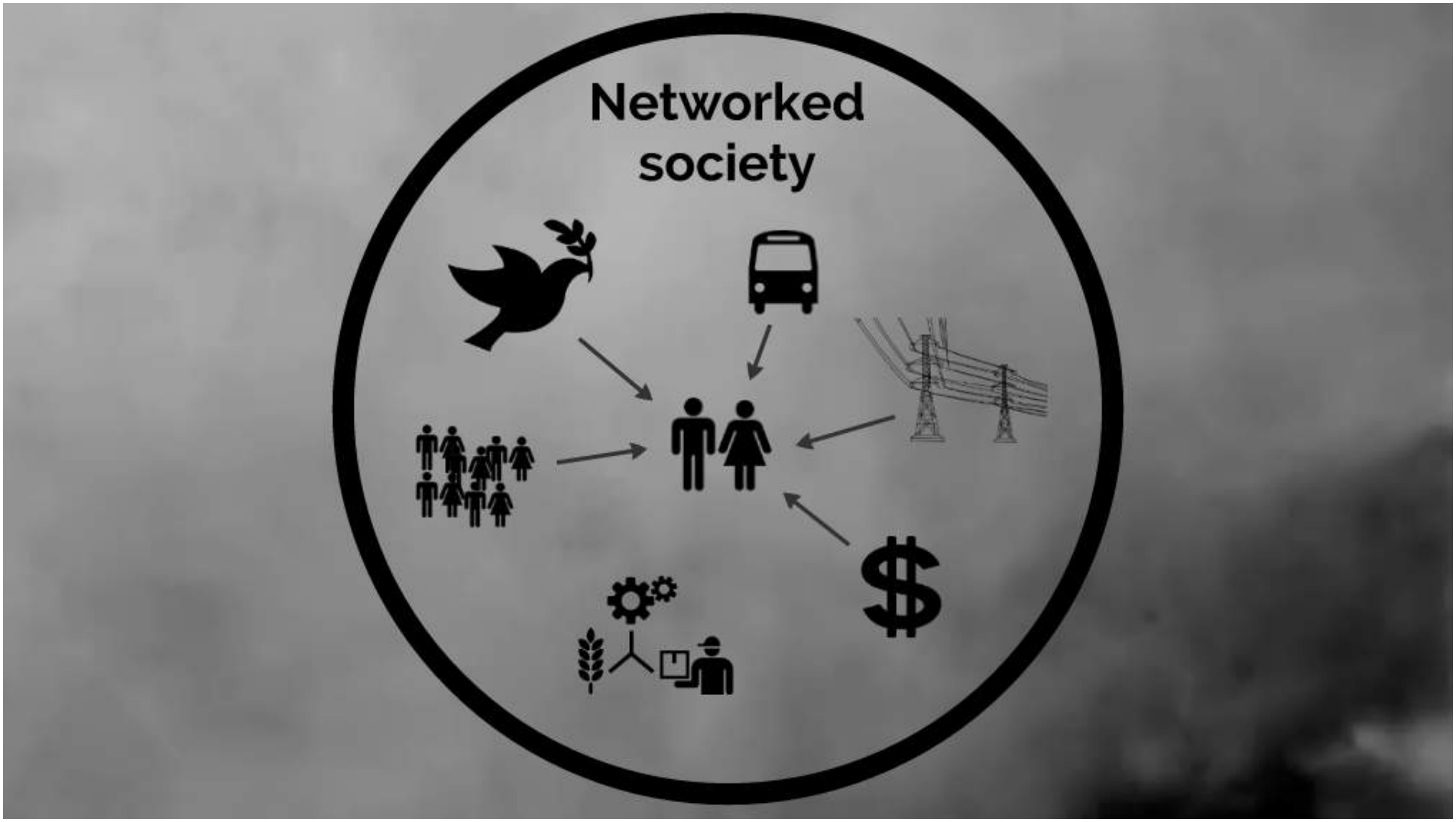
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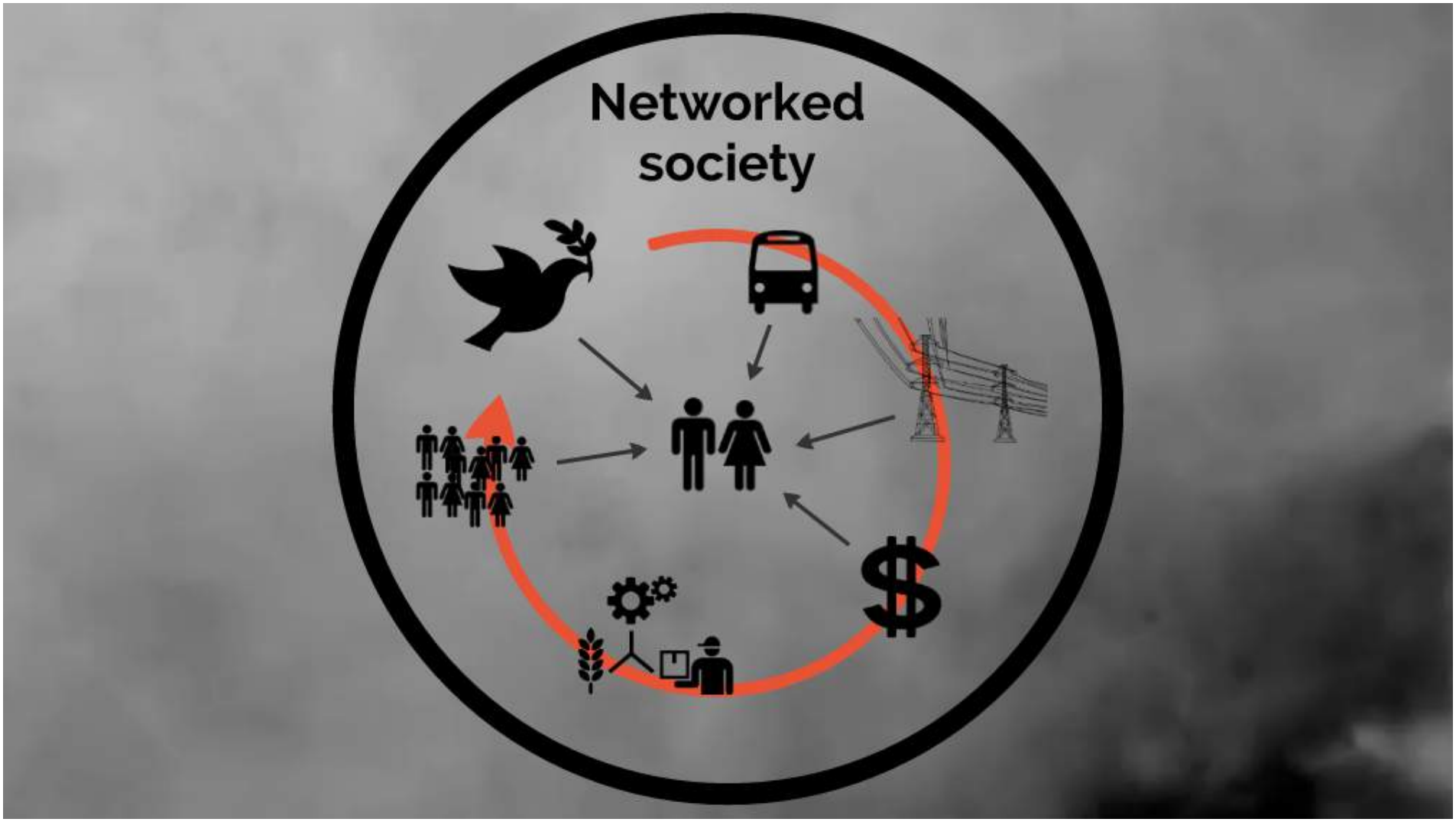
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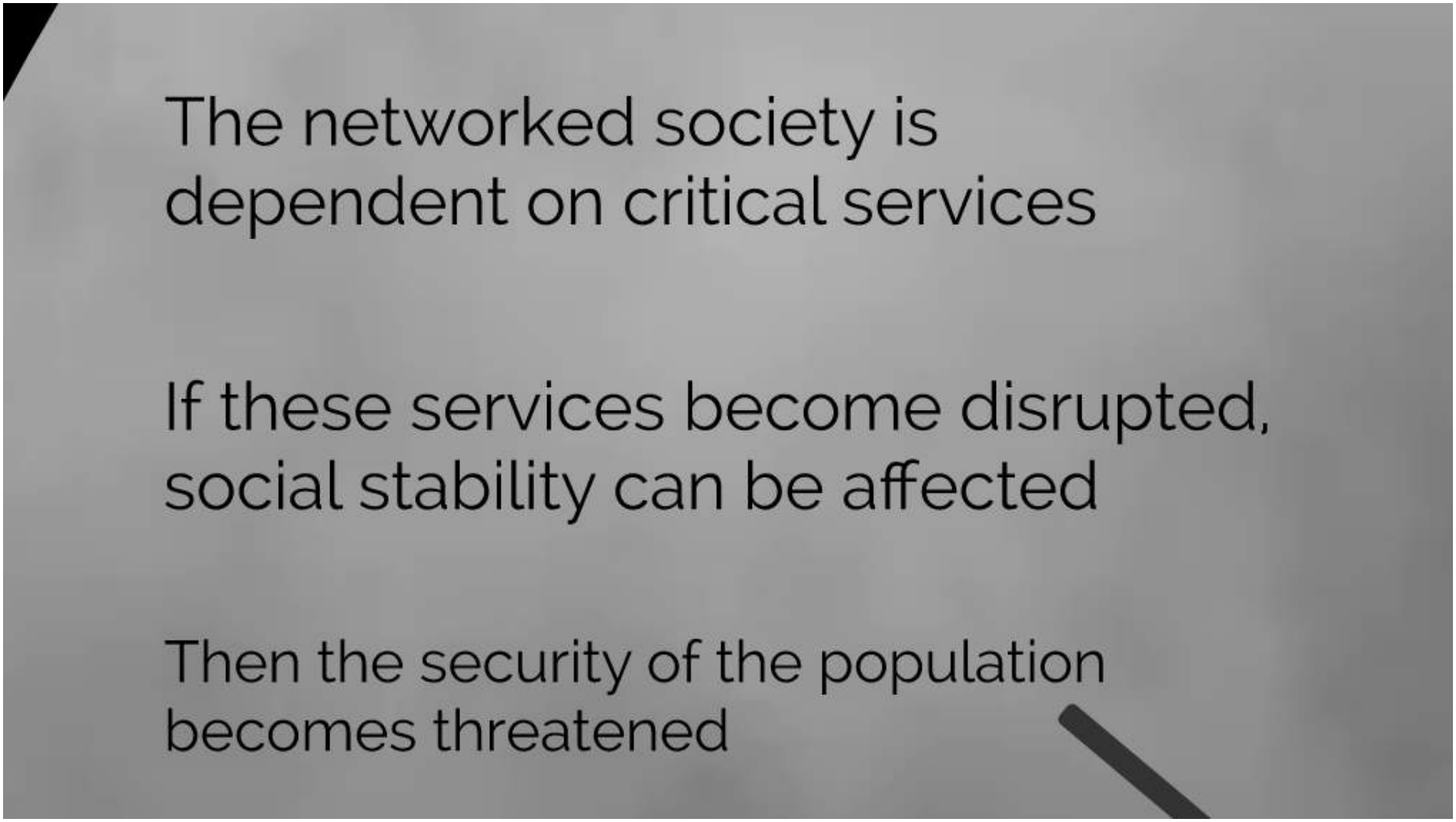
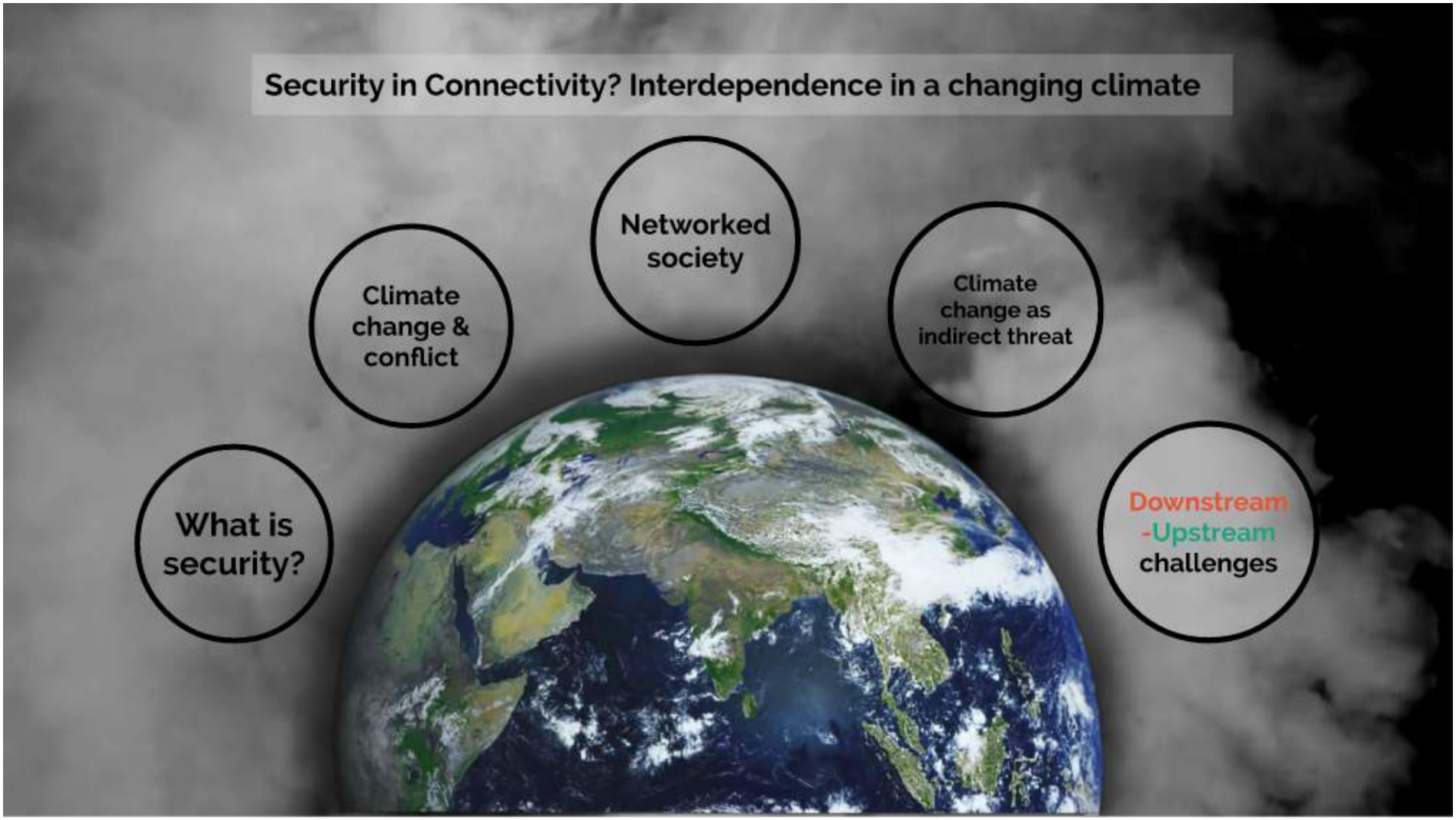

The networked society is
dependent on critical services
If these services become disrupted,
social stability can be affected
Then the security of the population
becomes threatened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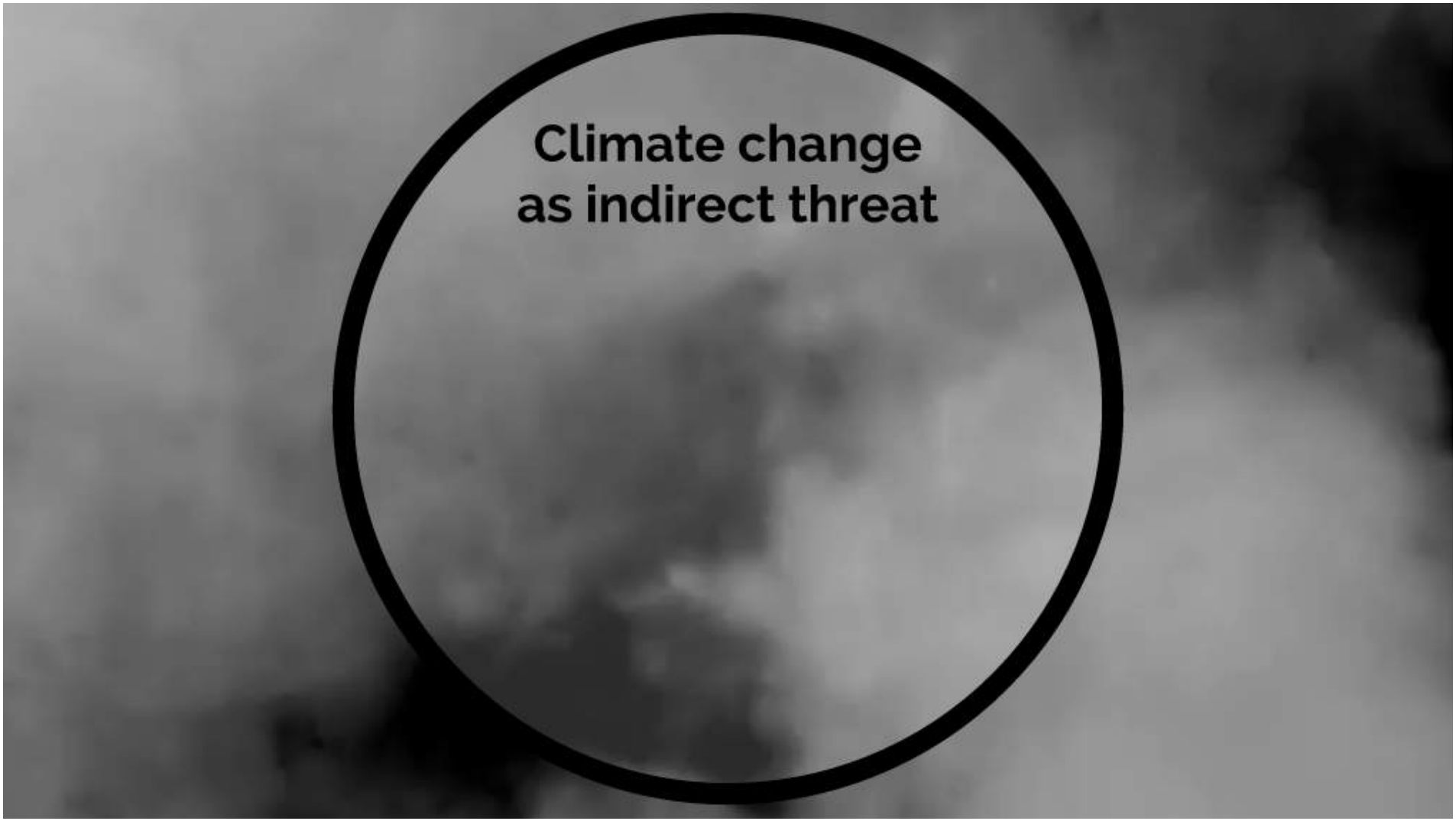
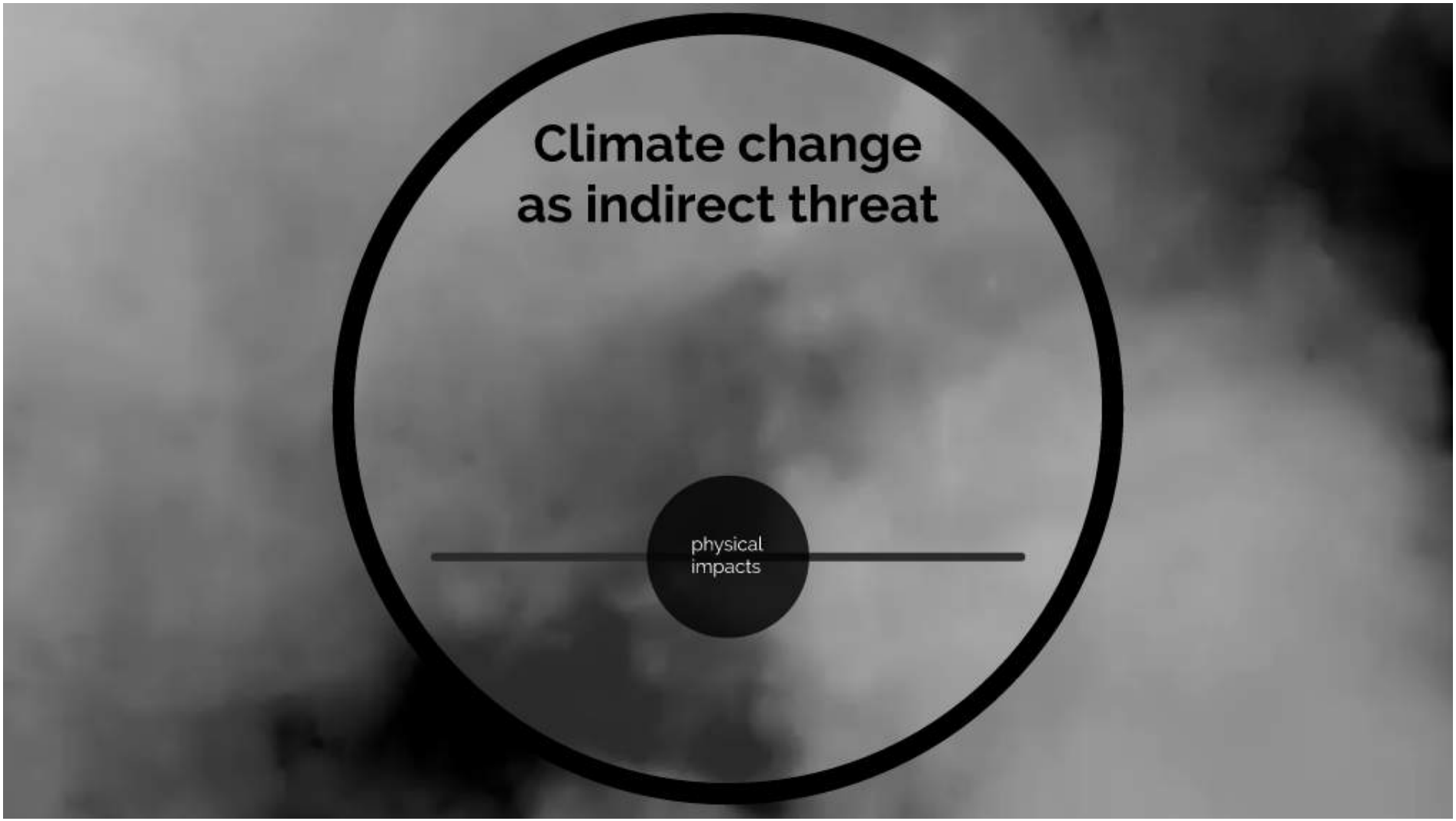

Climate change
as indirect threat


Climate change
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physical
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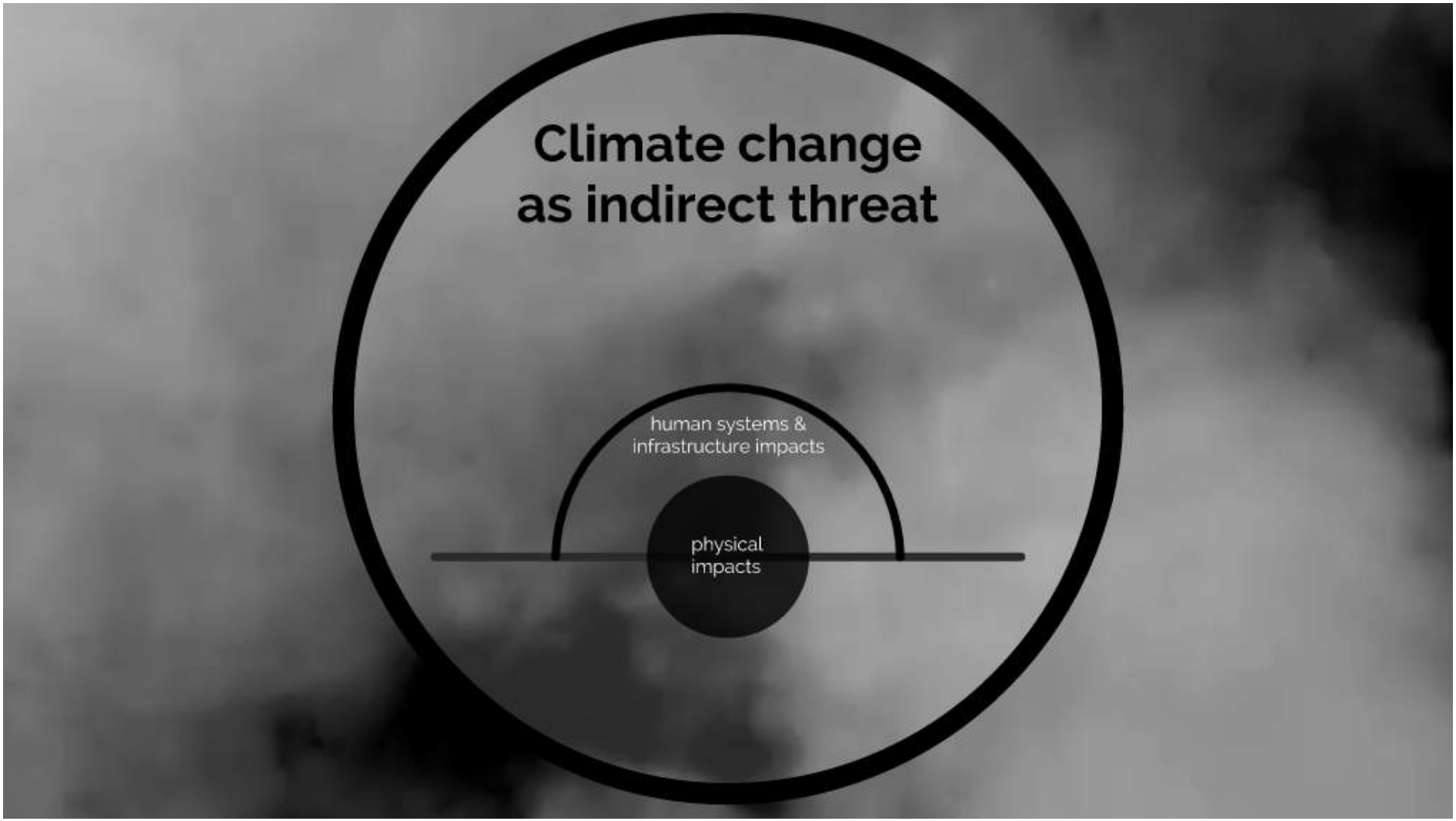
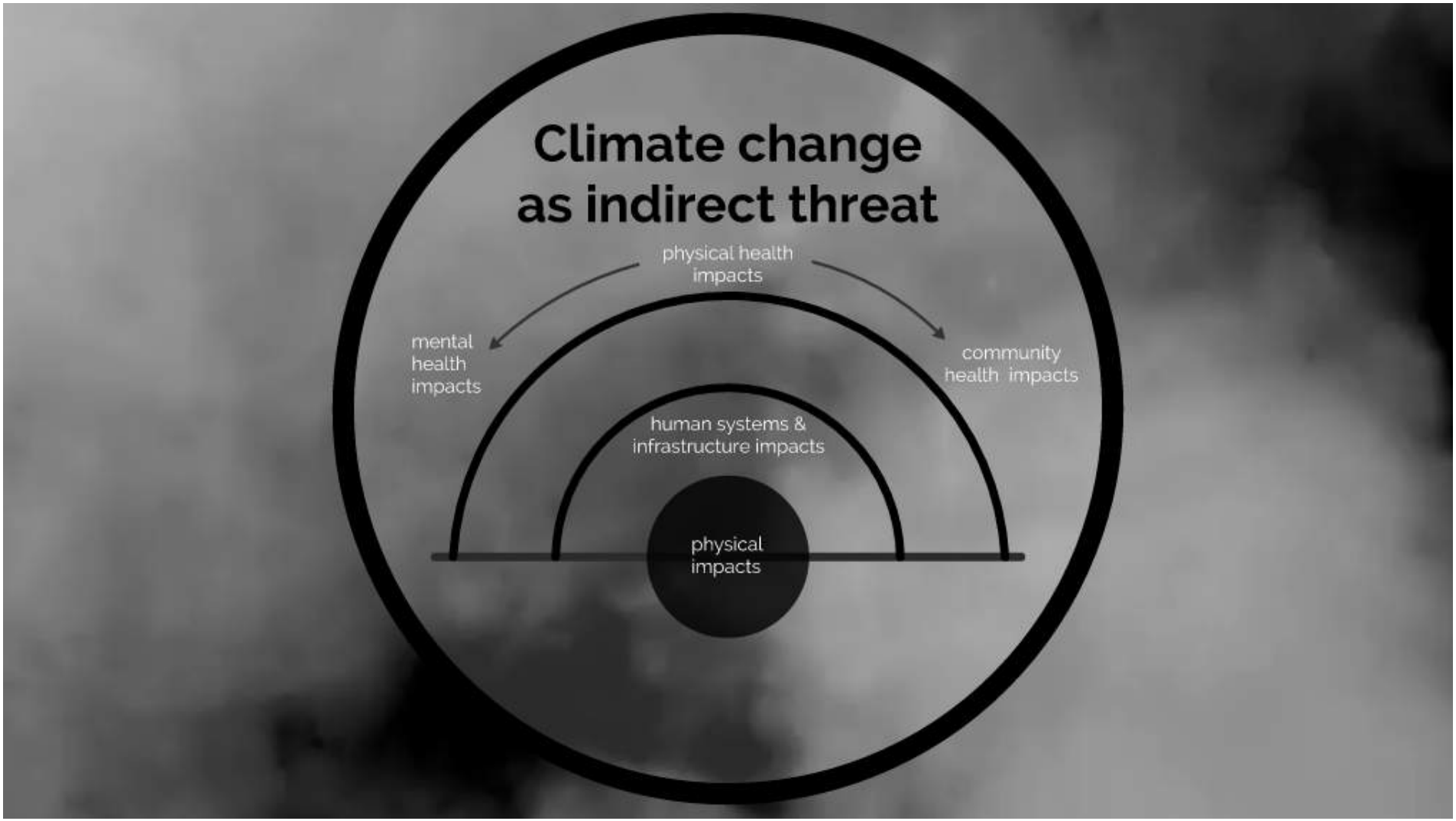

Climate change
as indirect threat
human systems &
infrastructure impacts
physical
impacts


Climate change
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mental
health
impacts
community
health impacts
human systems &
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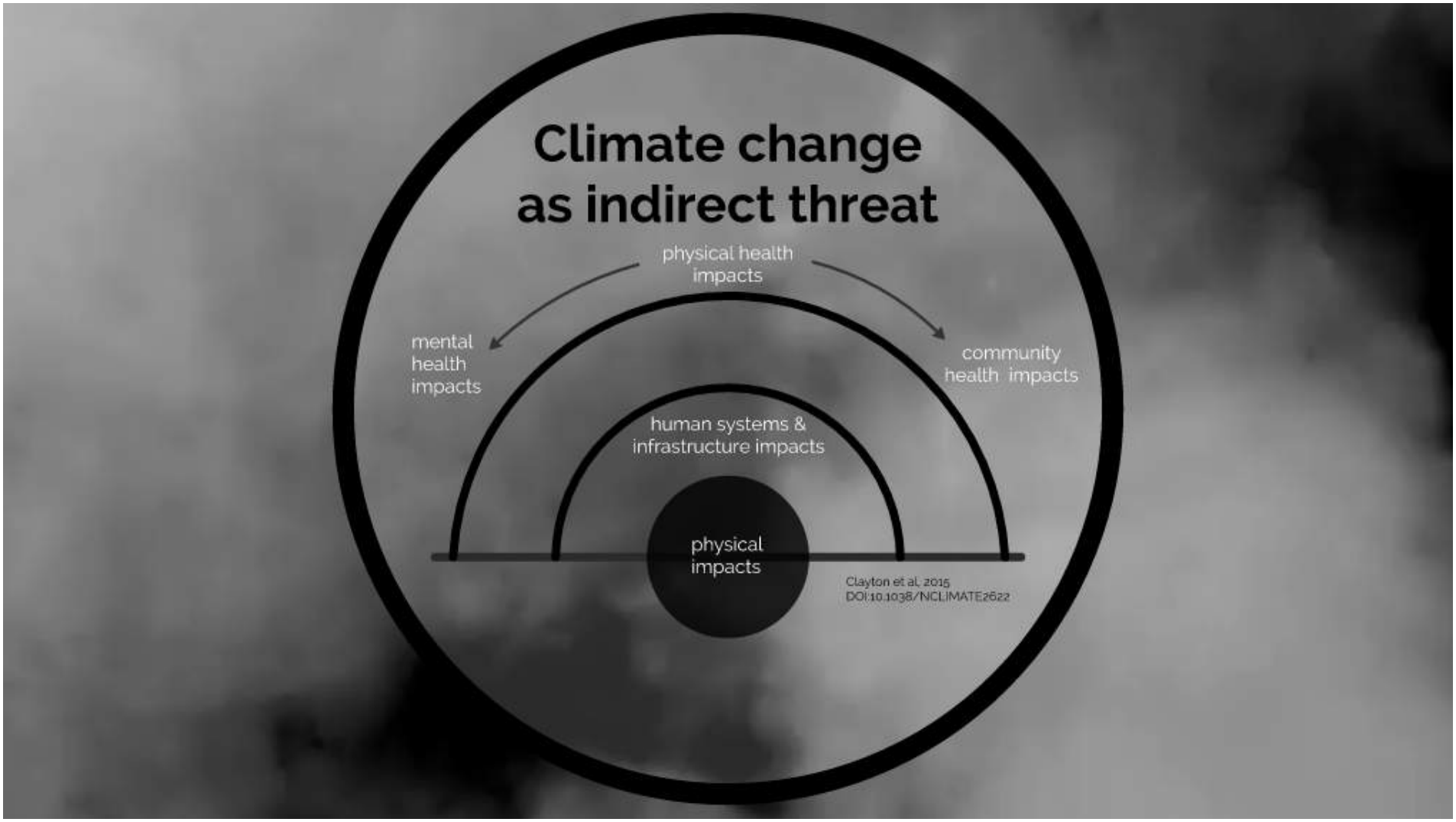
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Clayton et al. 2015
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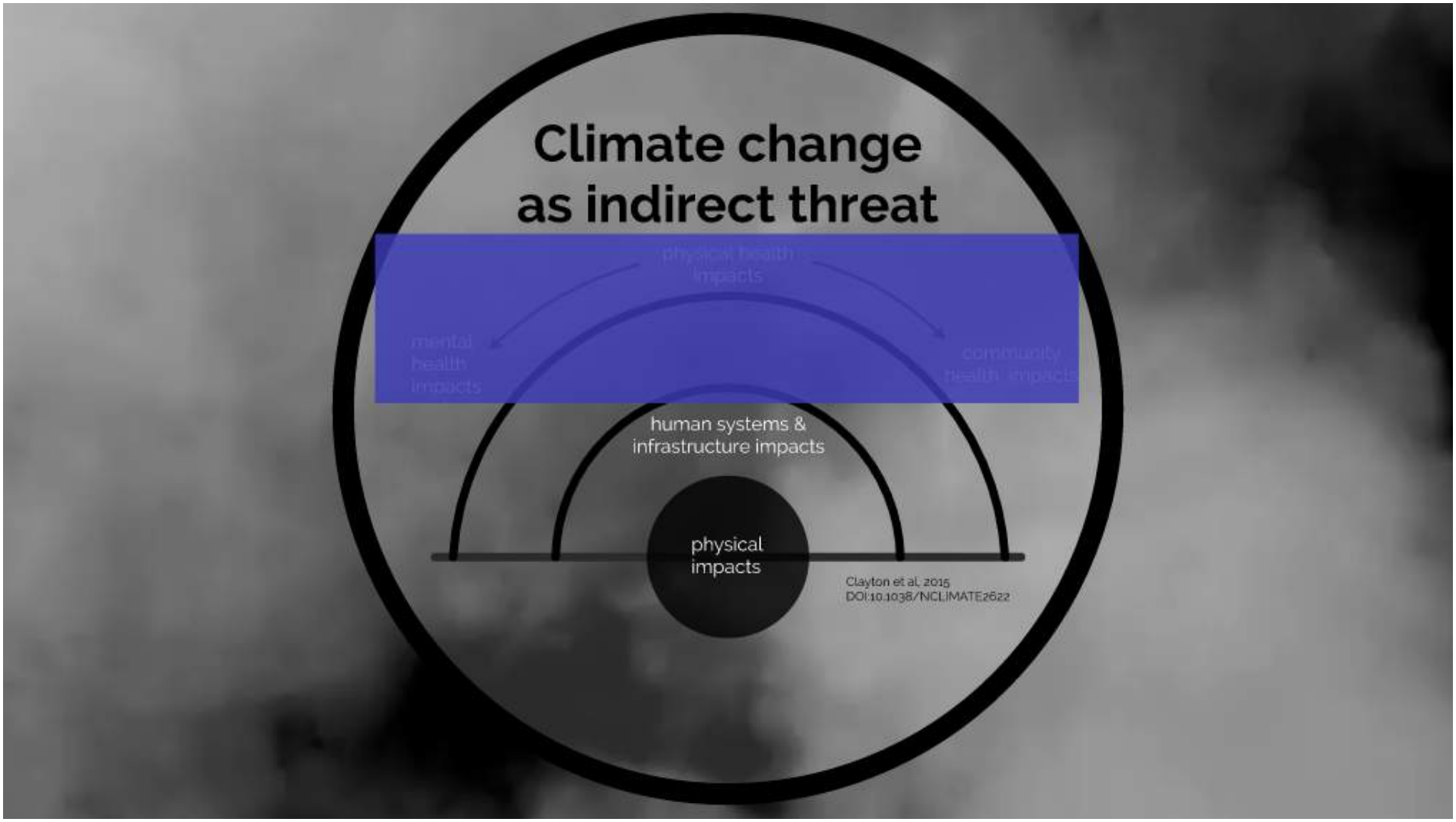
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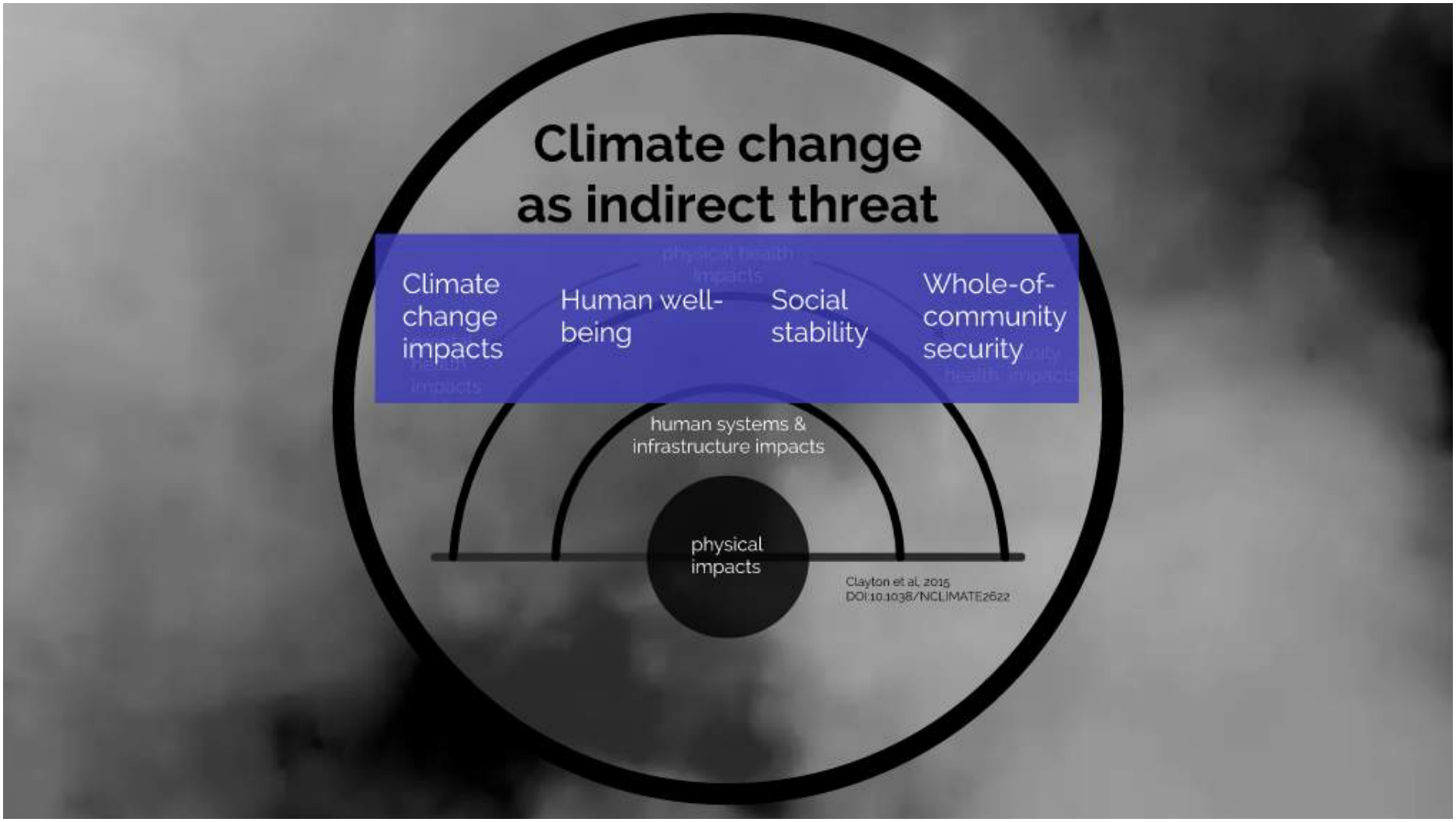
Climate change as indirect threat
Climate change impacts
Human well-being
Social stability
Whole-of-community security
human systems & infrastructure impacts
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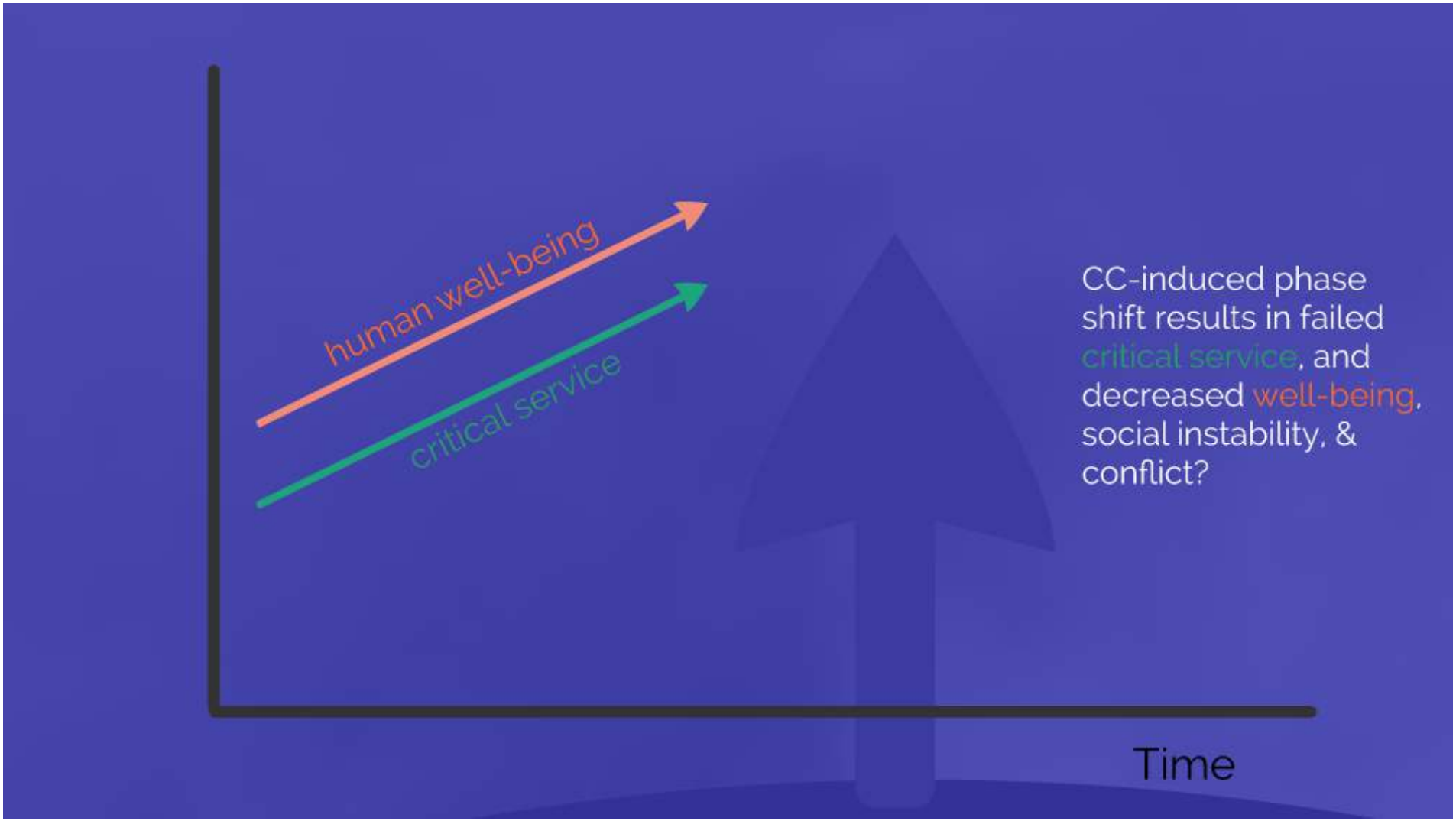
CC-induced phase shift results in failed critical service, and decreased well-being, social instability, & conflict?


CC-induced phase shift results in failed critical service, and decreased well-being, social instability, & conflict?
Time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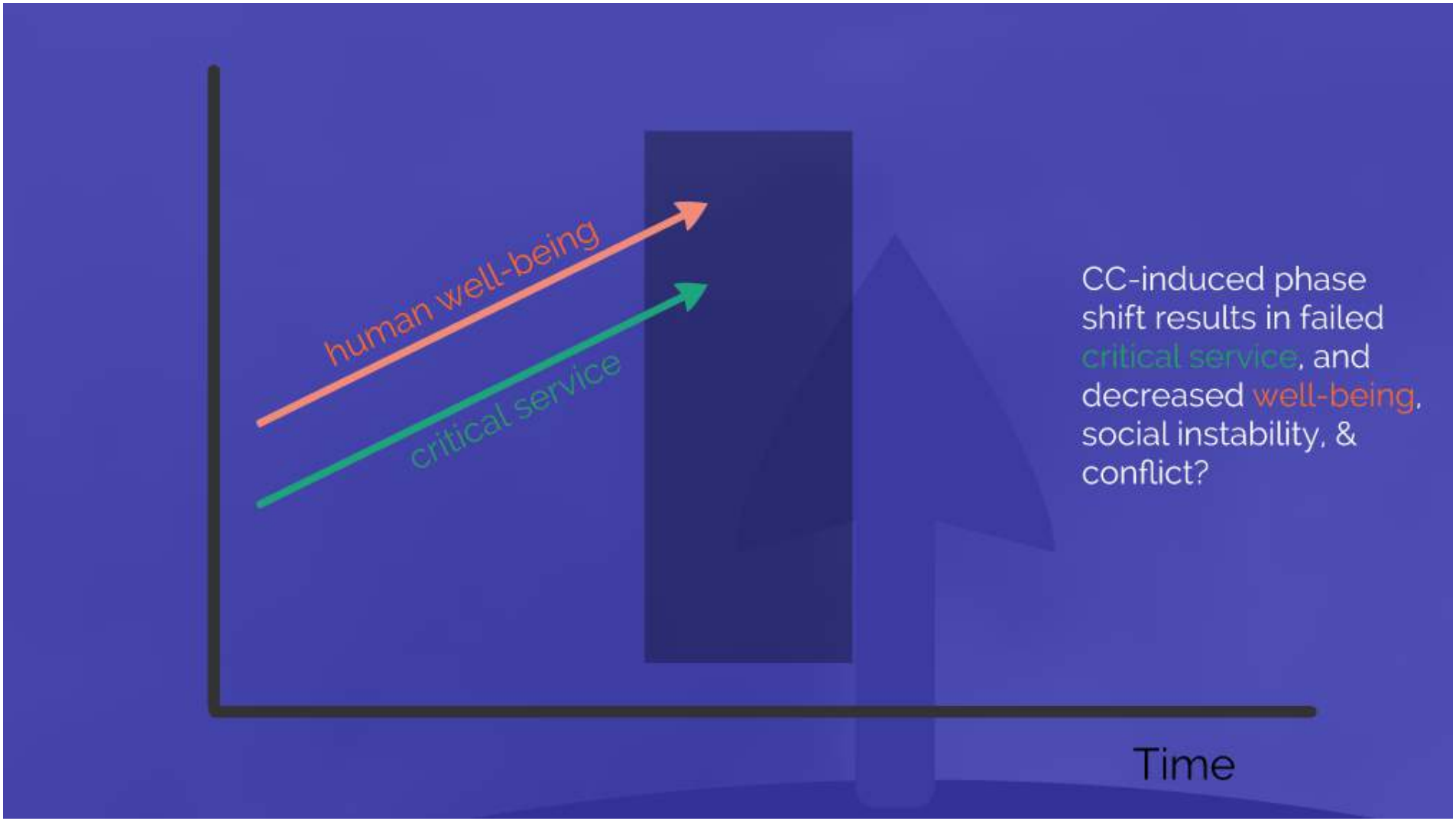
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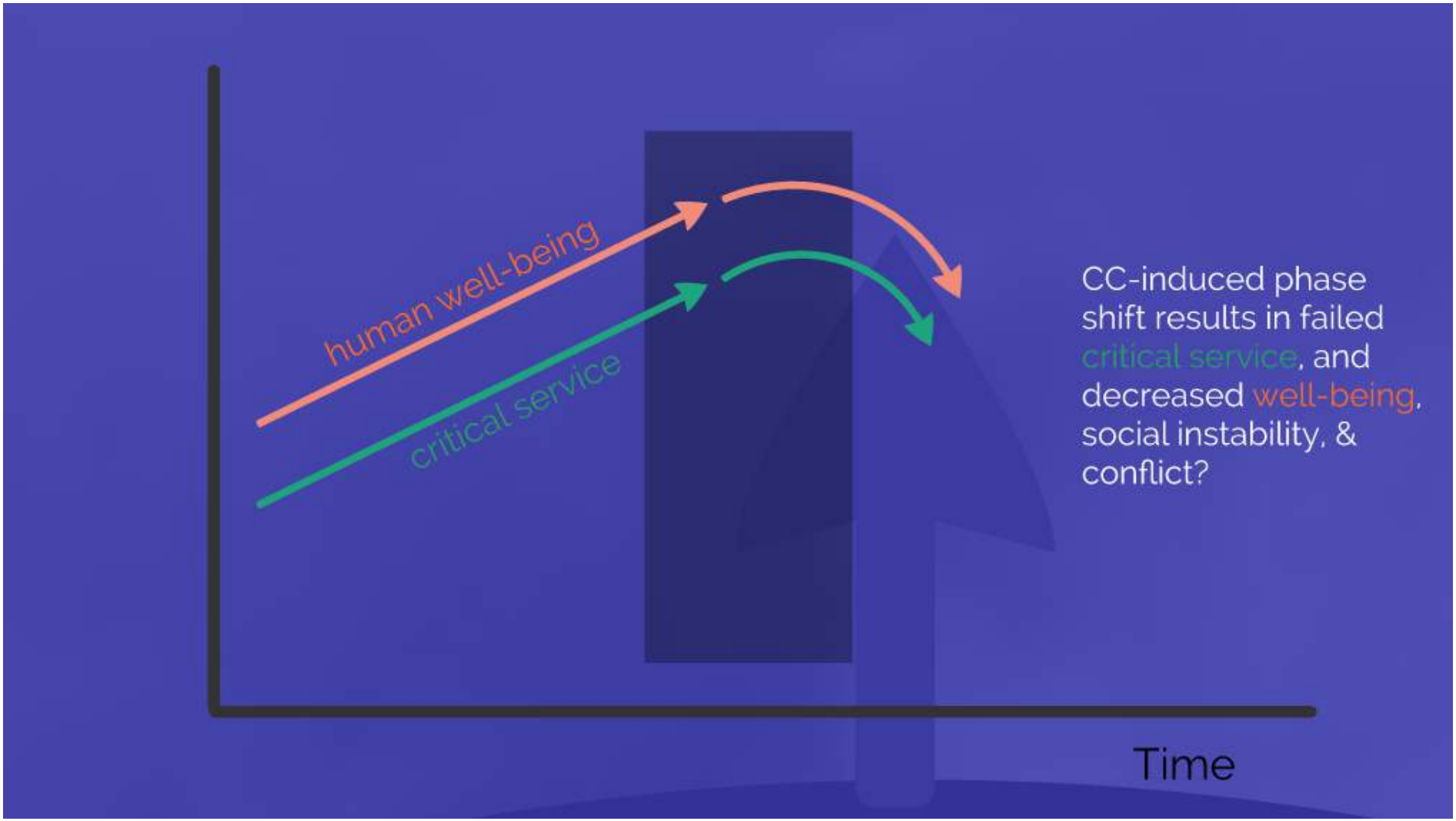
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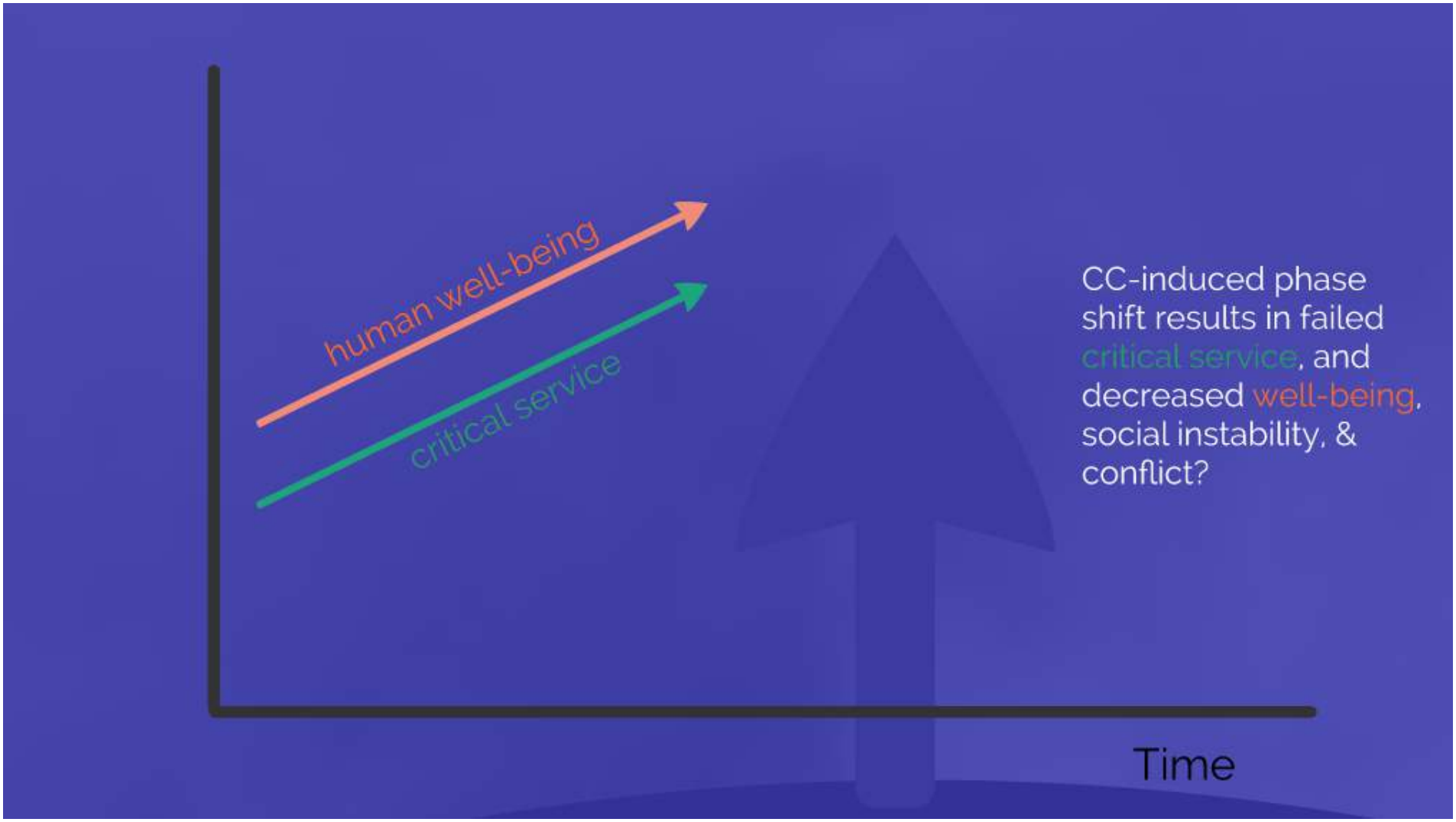
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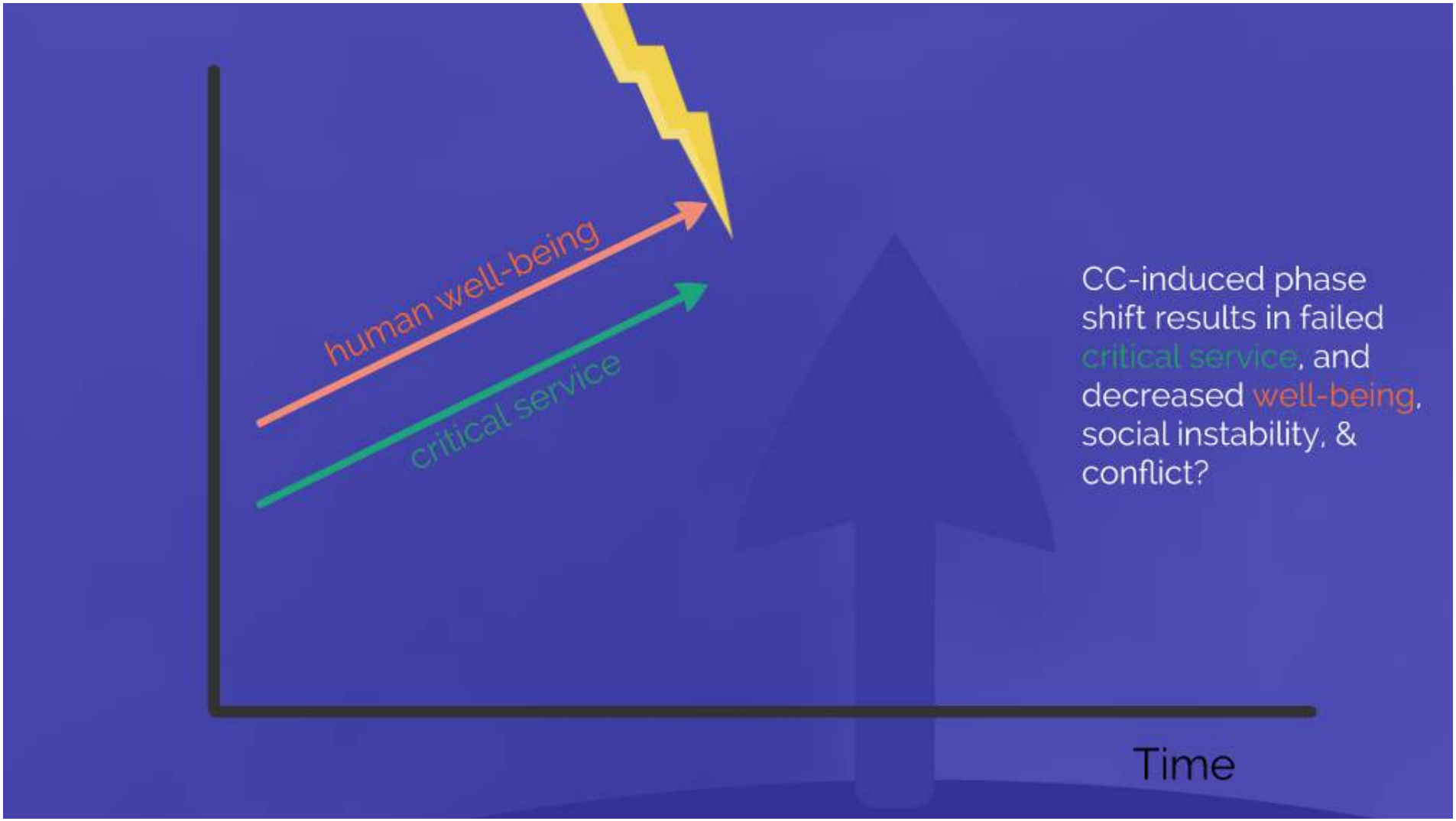
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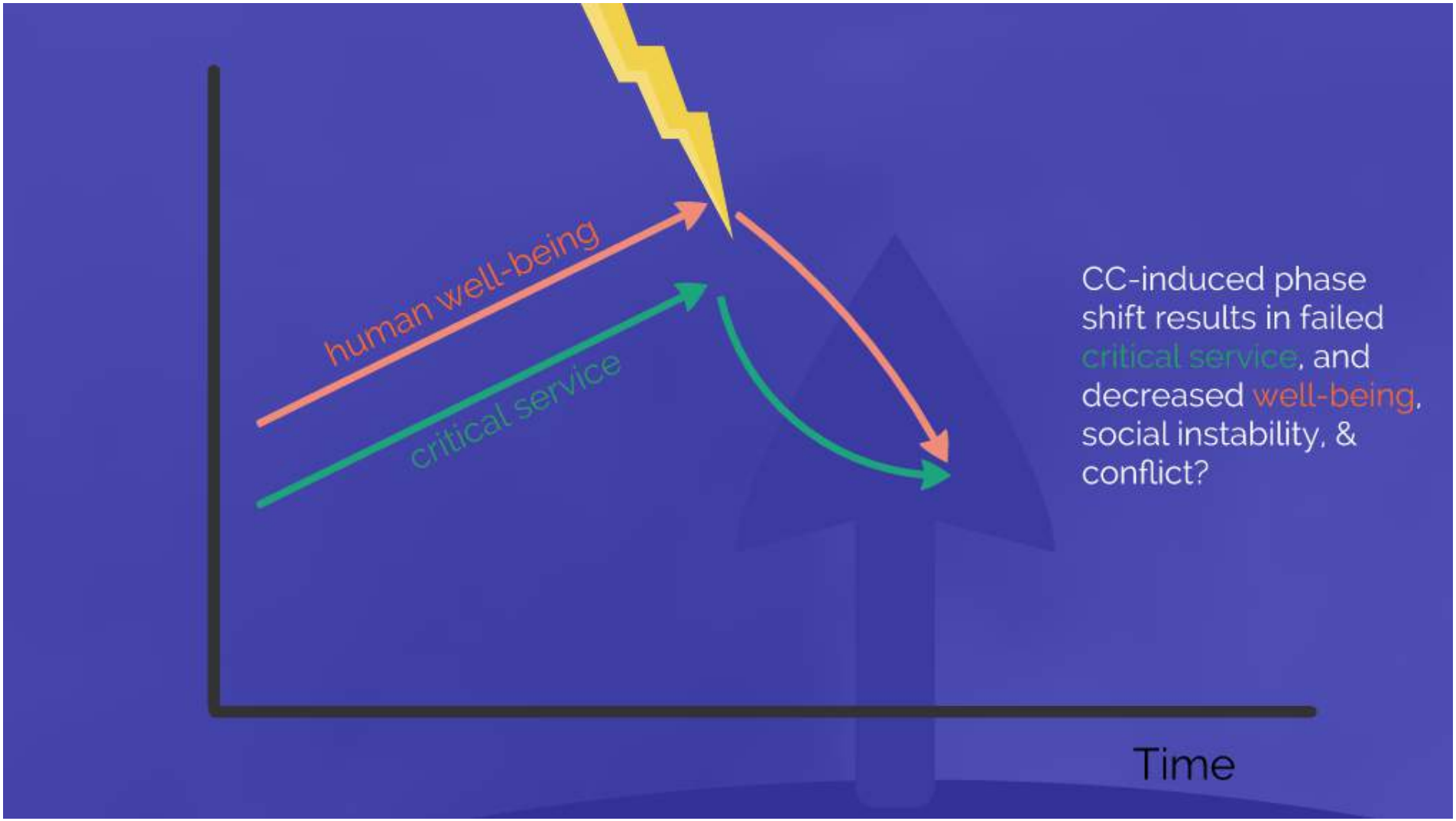
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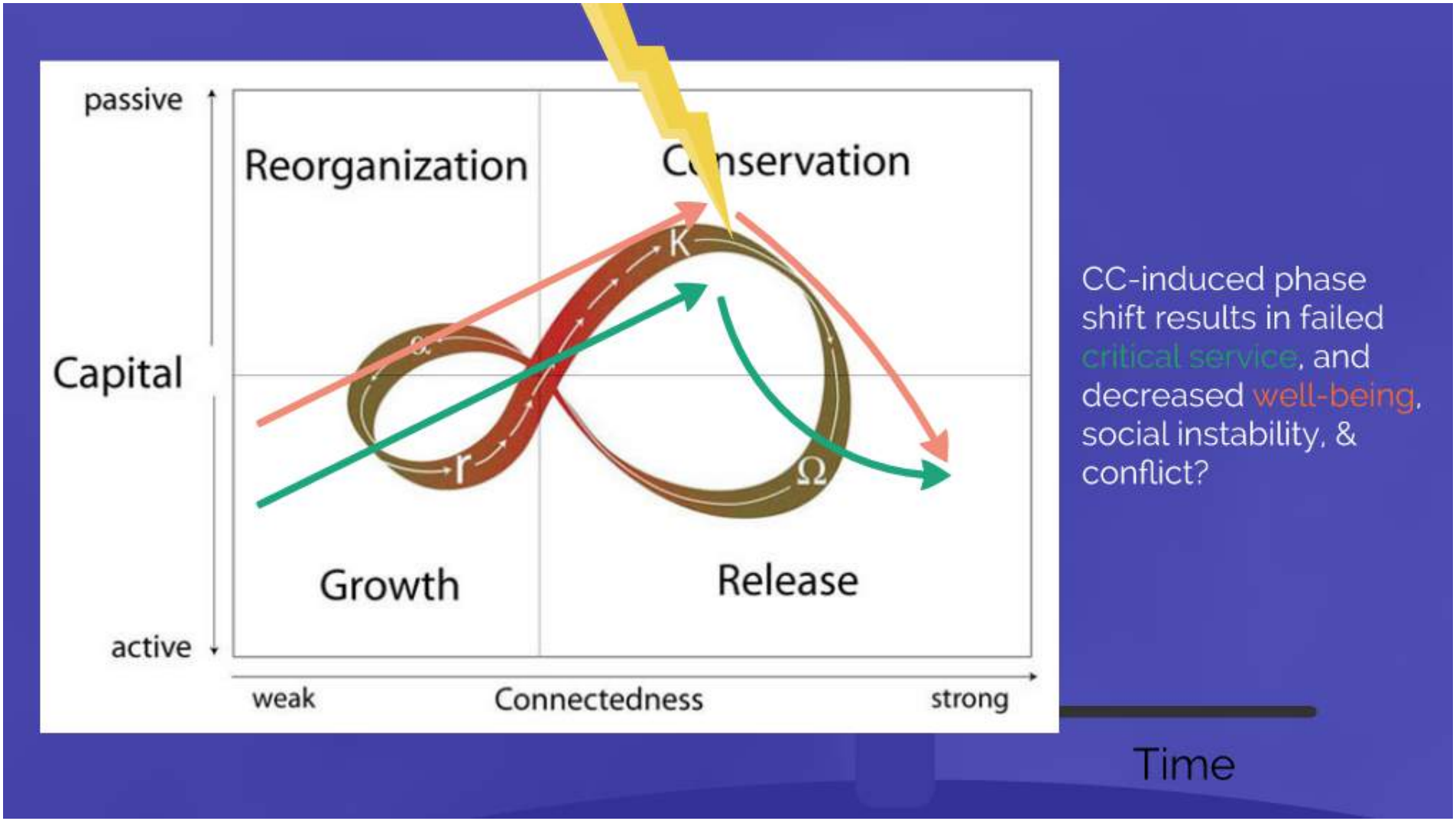
passive
Reorganization
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r
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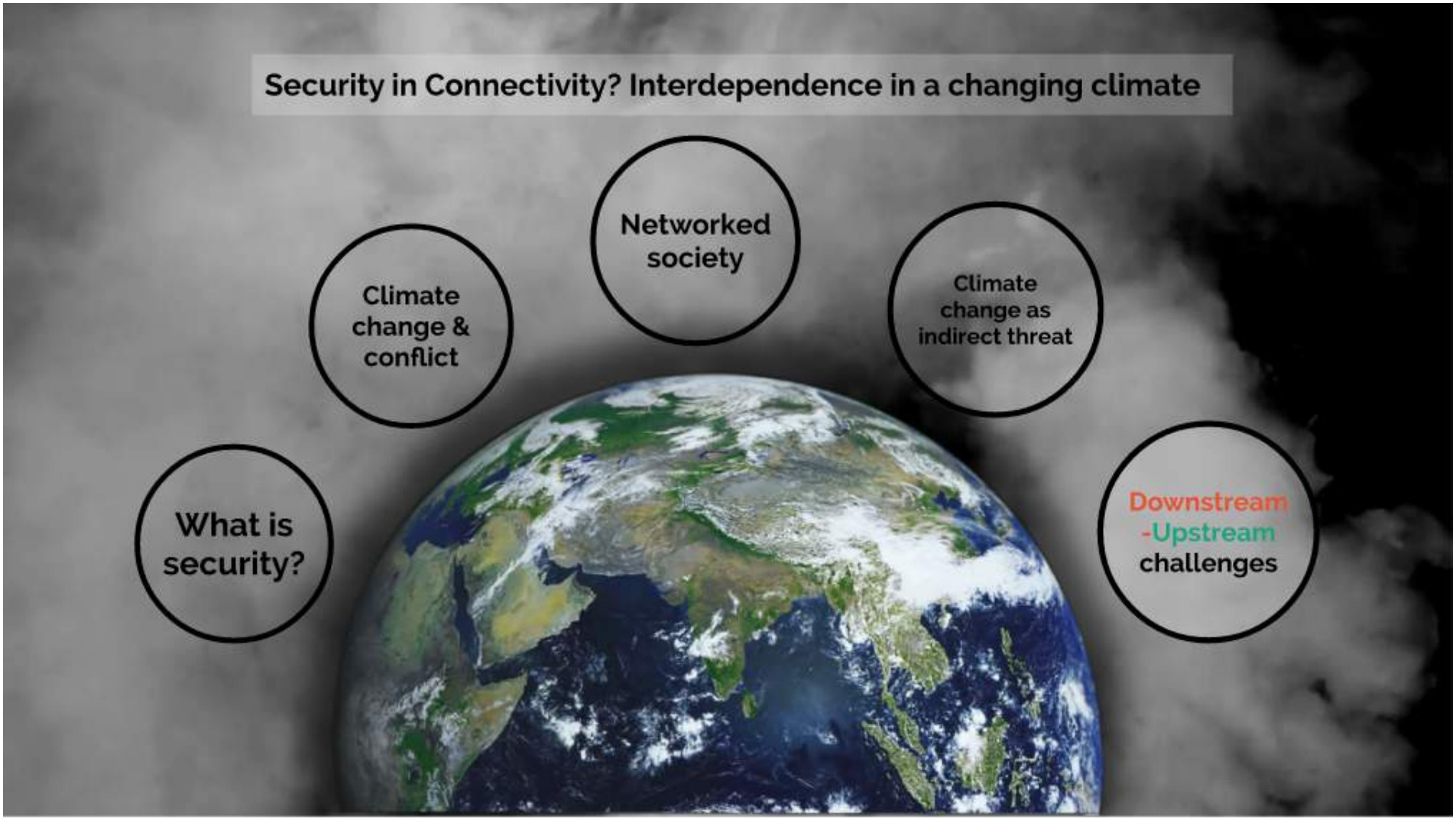
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Upstream concerns for Switzerland
Downstream or indirect impacts of climate change
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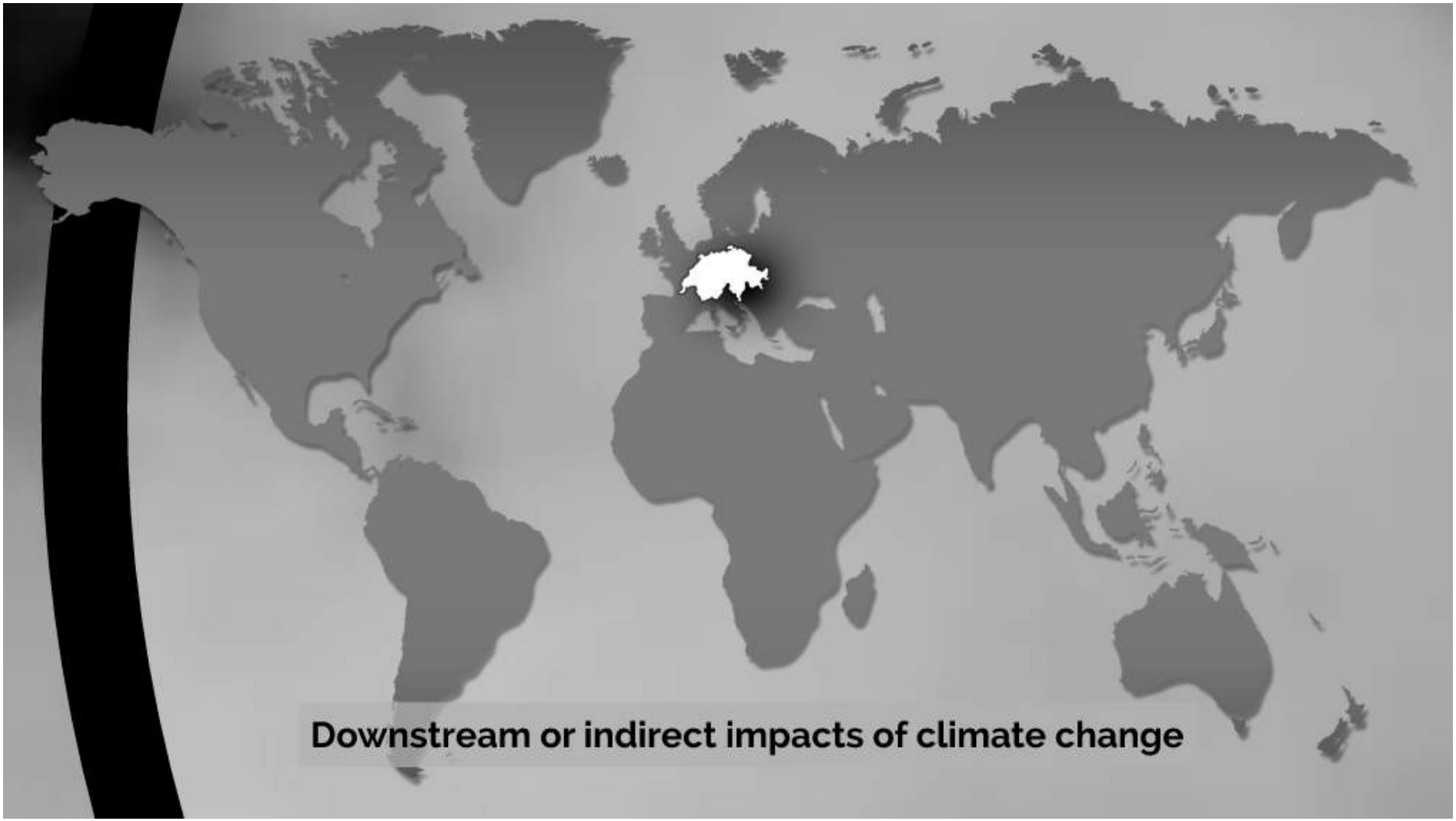
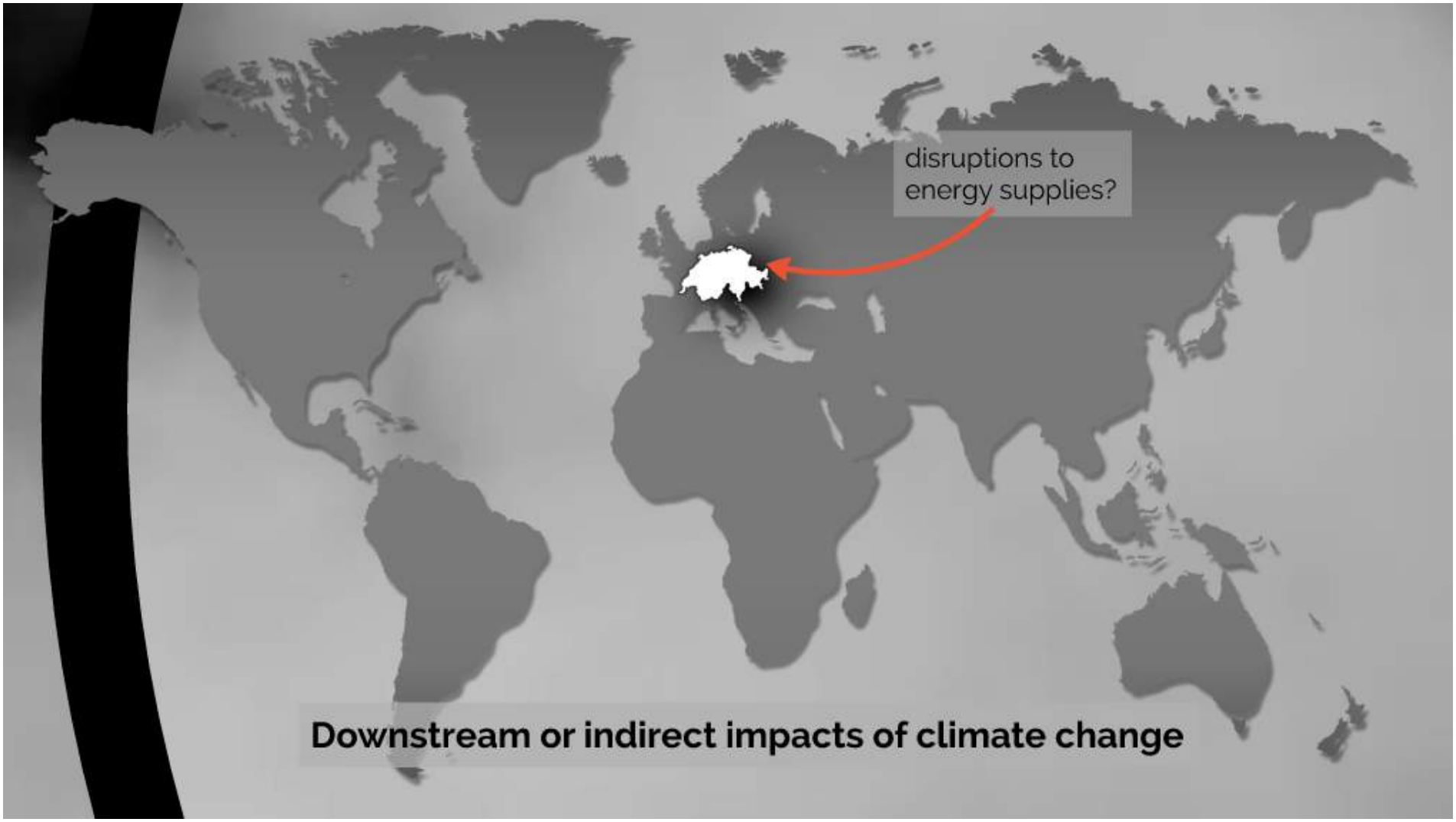

Downstream or indirect impacts of climate change


disruptions to
energy supplies?
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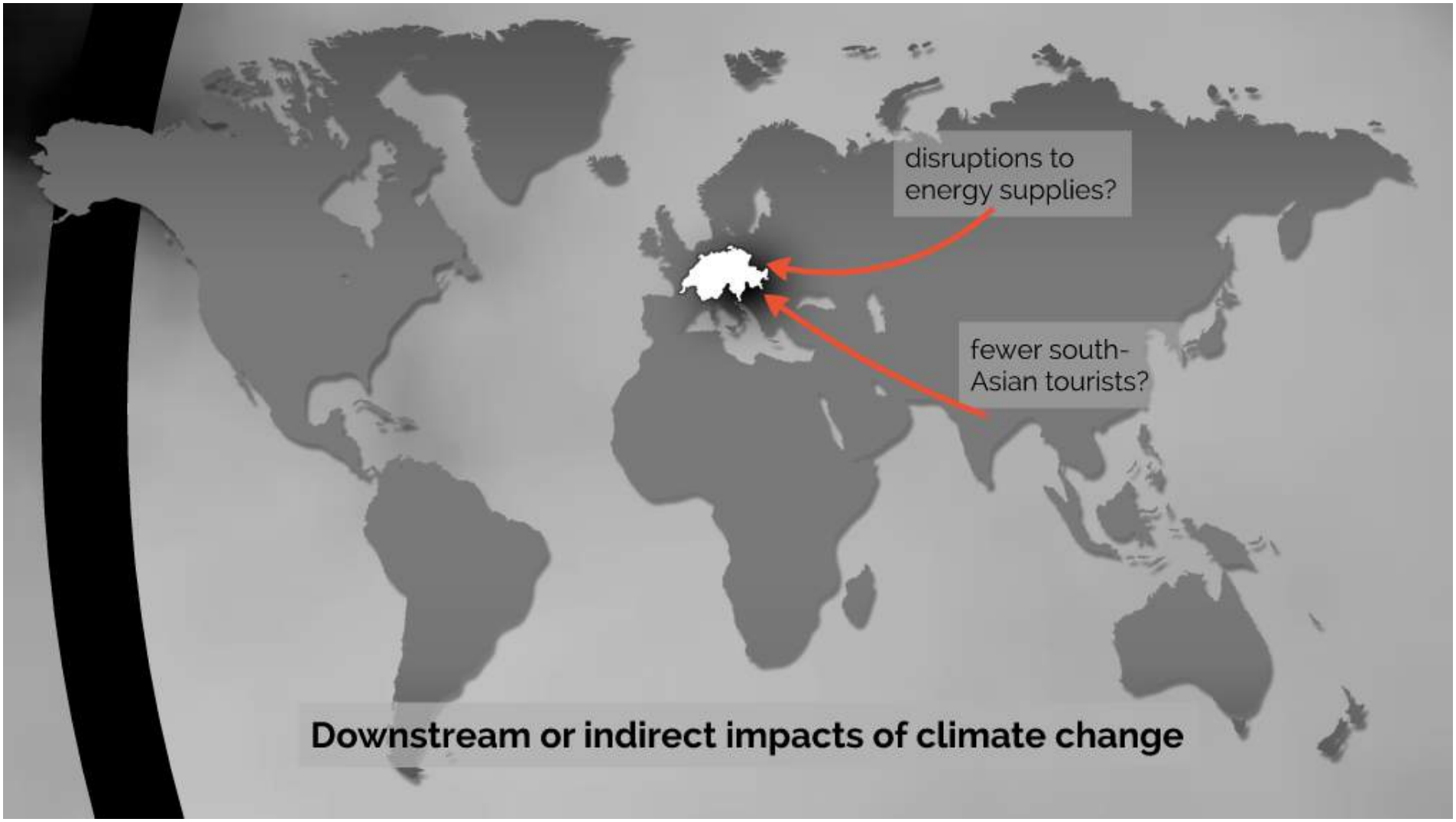
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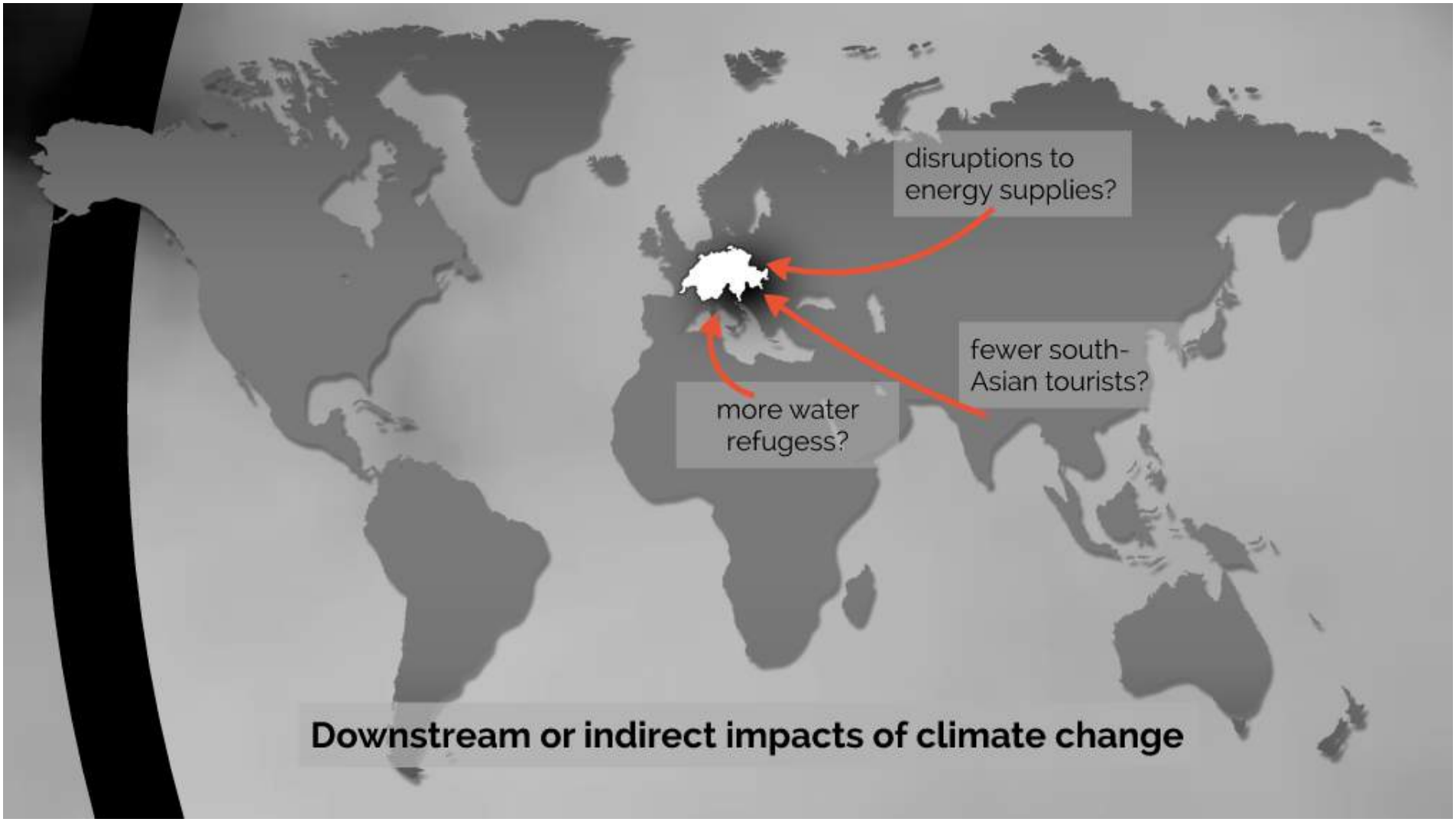
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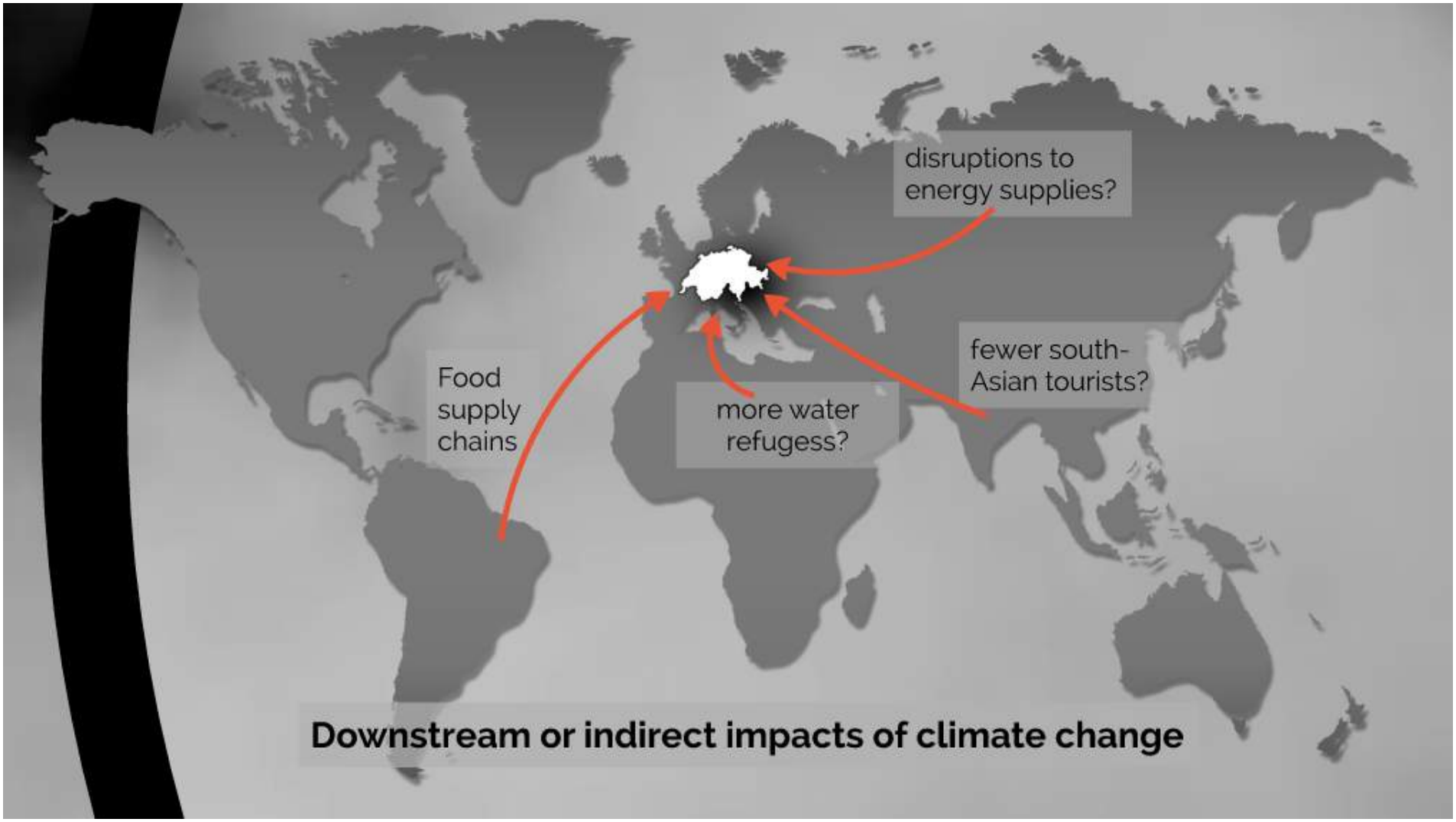
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Food supply chains
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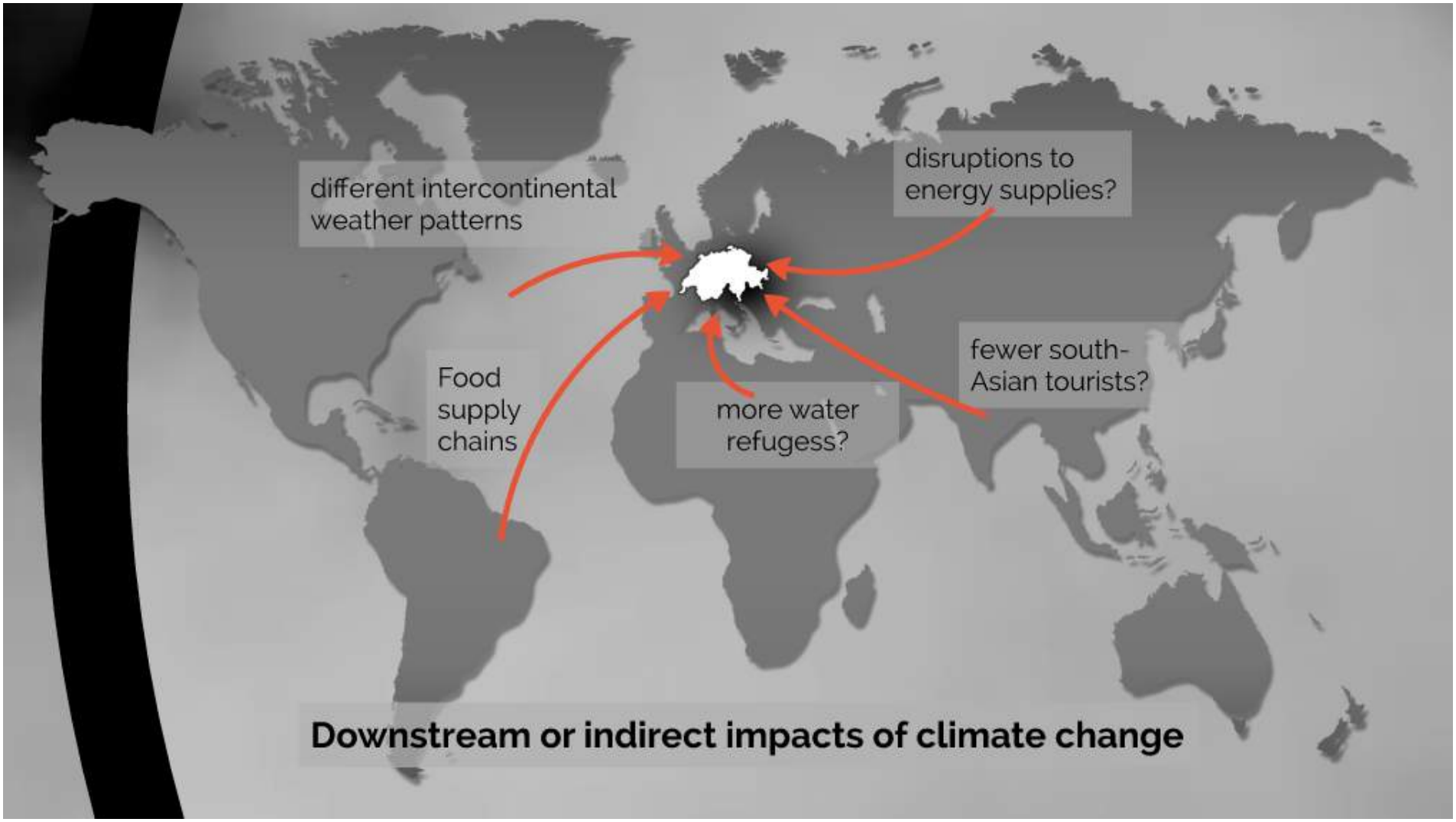
different intercontinental weather patterns
disruptions to energy supplies?
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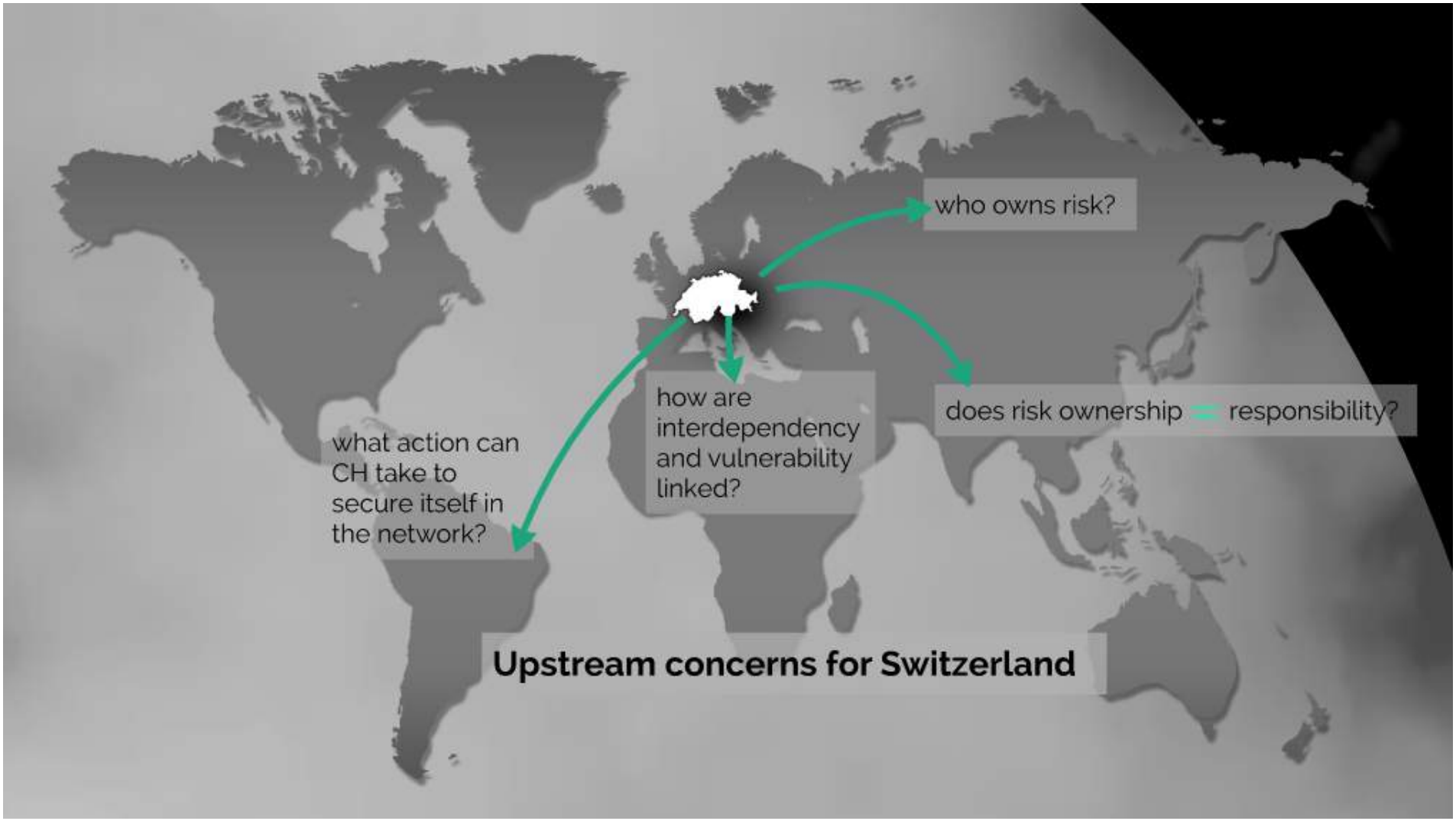
Upstream concerns for Switzerland


who owns risk?
Upstream concerns for Switzerland


who owns risk?
does risk ownership = responsibility?
Upstream concerns for Switzerland


who owns risk?
how are interdependency and vulnerability linked?
does risk ownership = responsibility?
Upstream concerns for Switzerland


who owns risk?
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what action can CH take to secure itself in the network?
Upstream concerns for Switzerland


how are Swiss adaptation efforts influenced by others?
who owns risk?
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Upstream concerns for Switzerland

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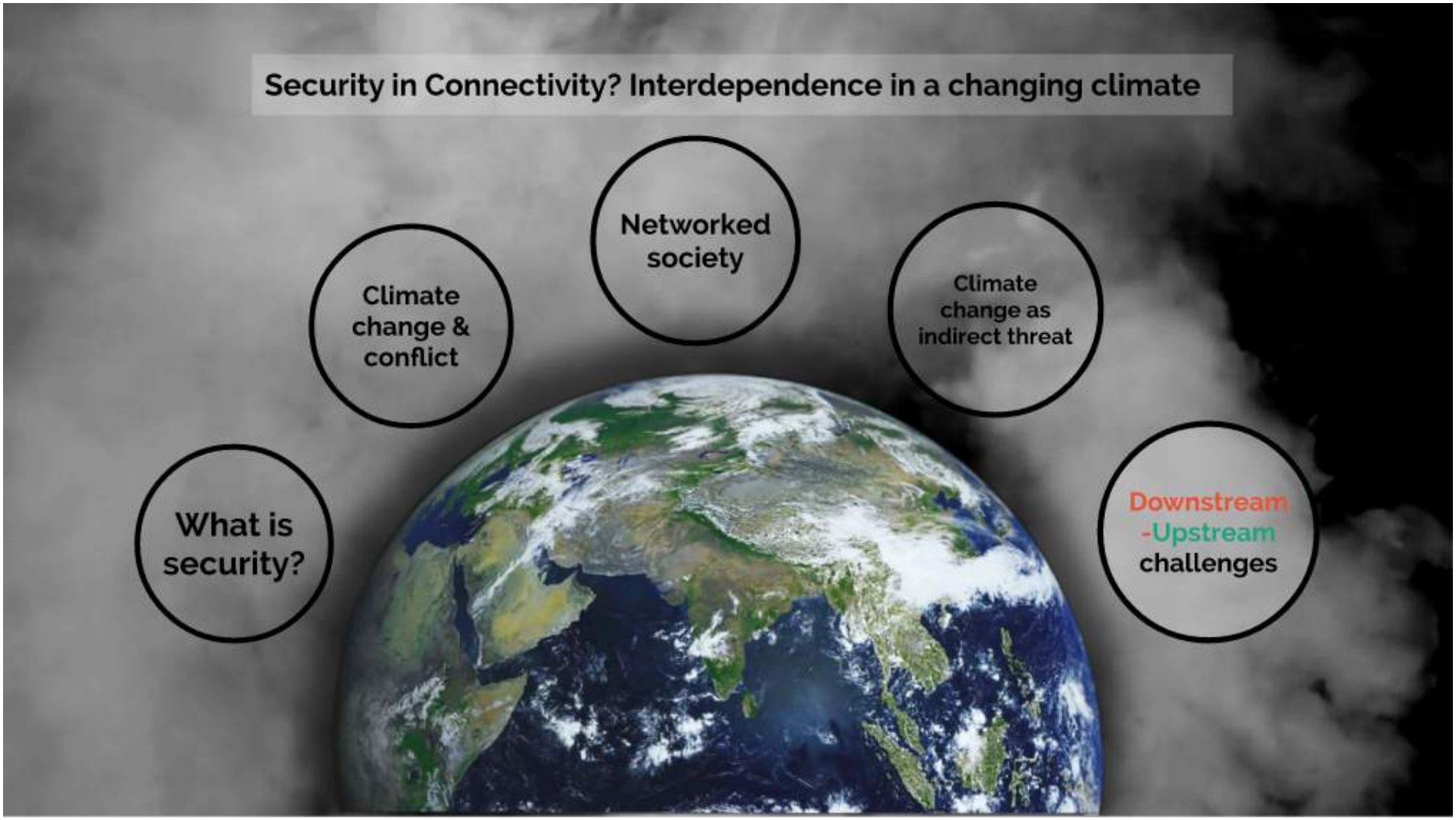
Security in Connectivity? Interdependence in a changing climate
Networked society
Climate change & conflict
Climate change as indirect threat
What is security?
Downstream
-Upstream
challenges