

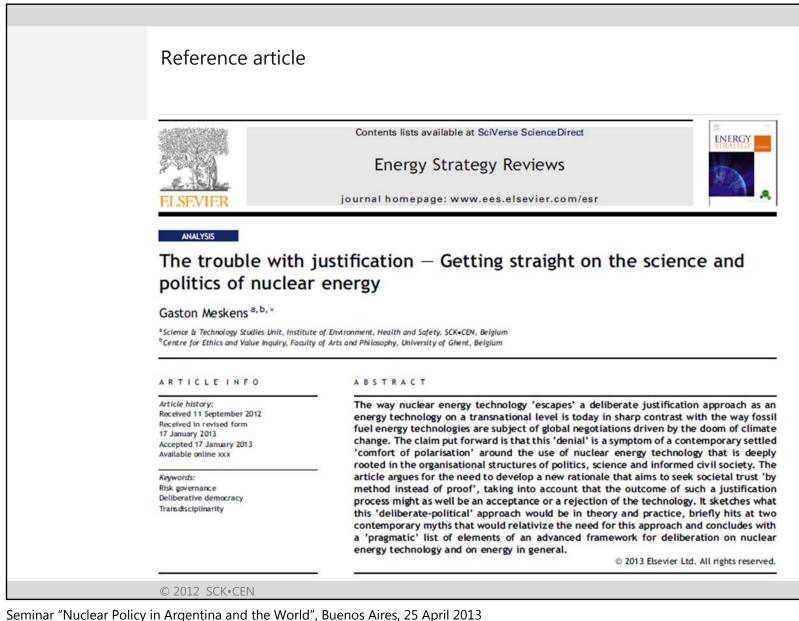
The Trouble with Justification Getting Straight on the Science and Politics of Nuclear Energy

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Seminar "Nuclear Policy in Argentina and the World" Buenos Aires, 25 April 2013

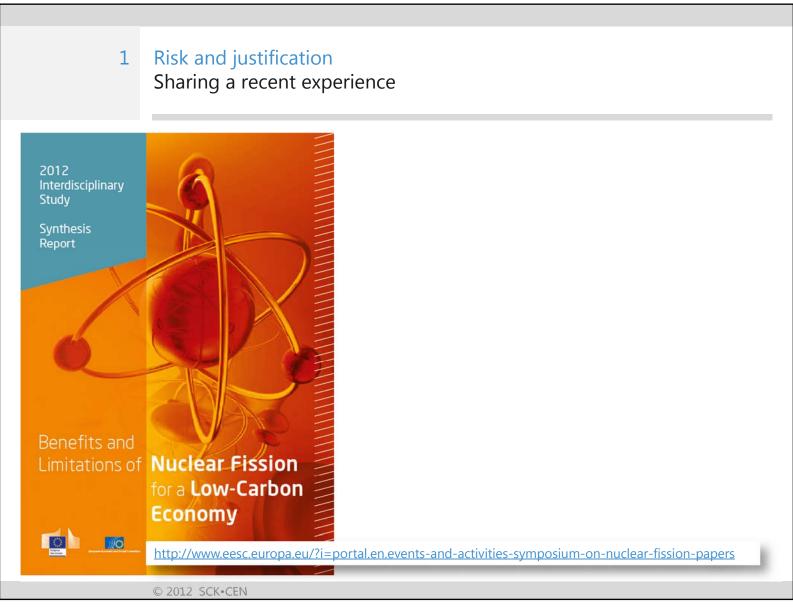
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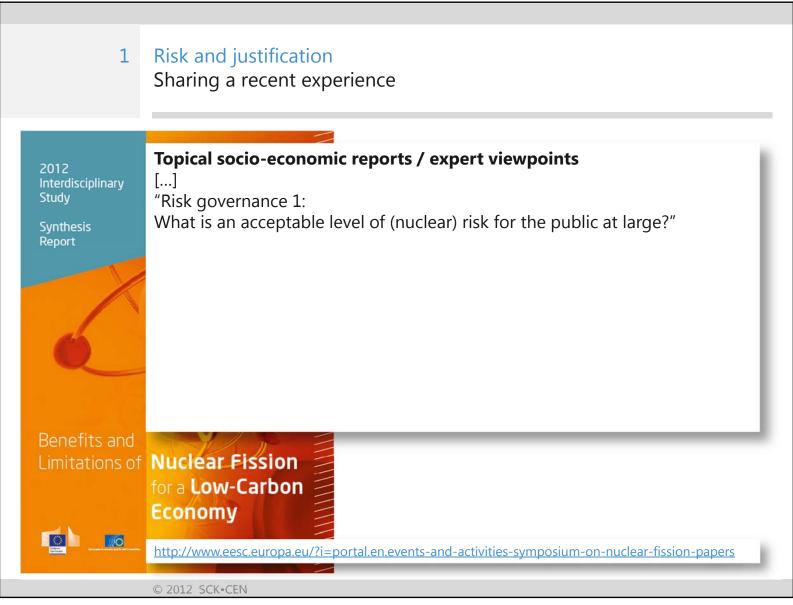


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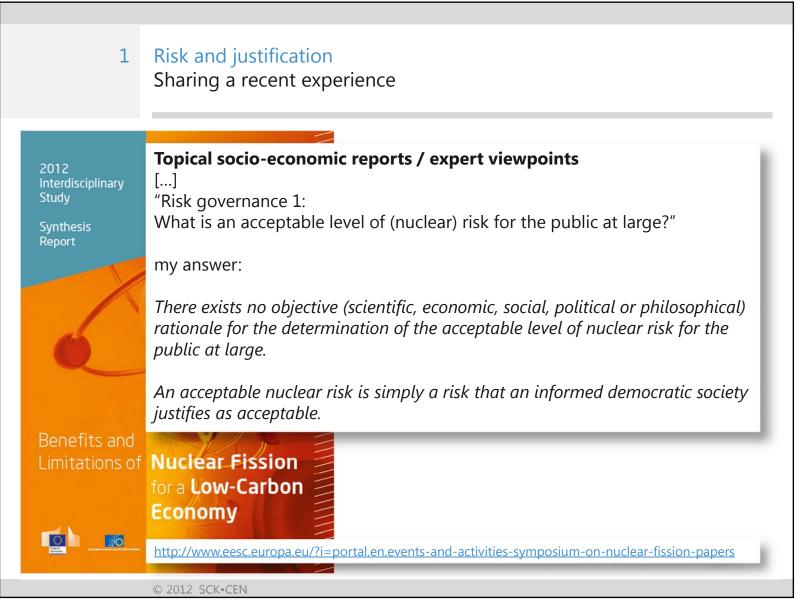
	Structure
1 2	Risk and justification The nuclear risk: simple conclusions, complex consequences
3	Critical assessments of contemporary politics of nuclear energy
4	Criteria for fair and effective energy governance
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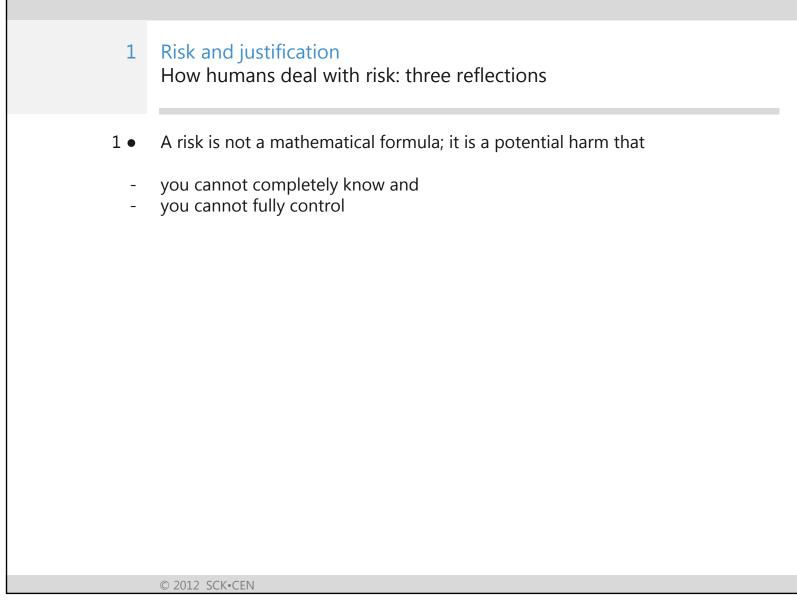
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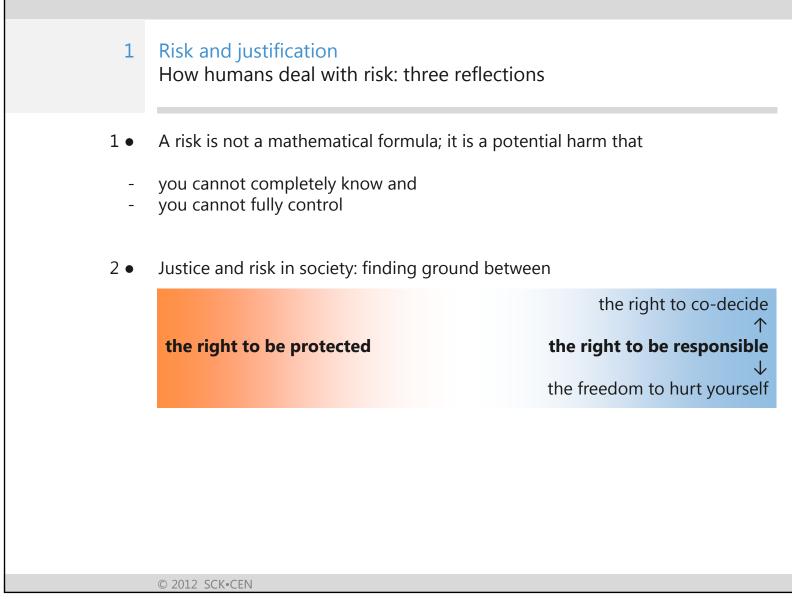
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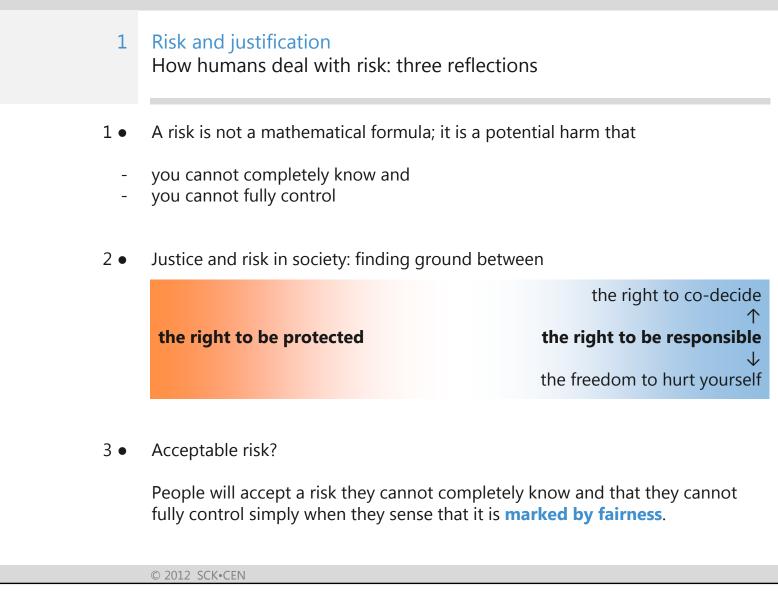
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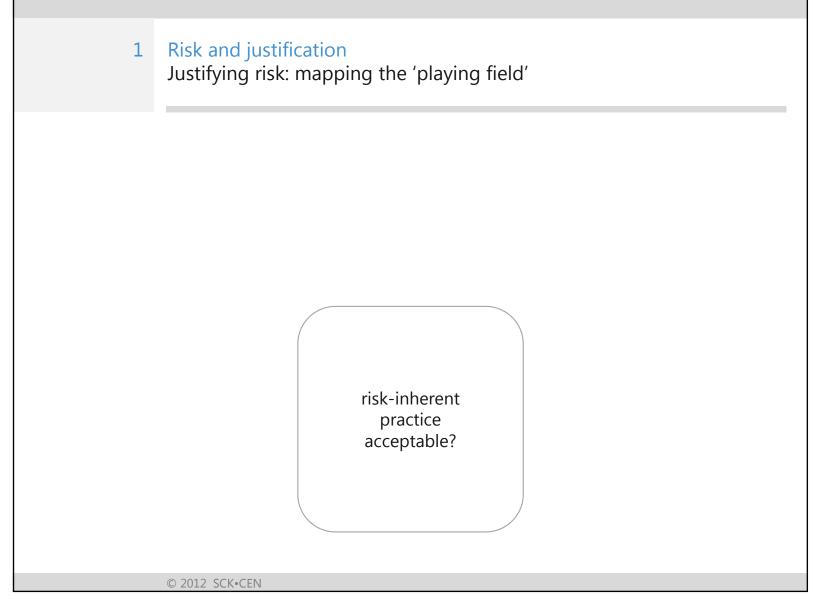
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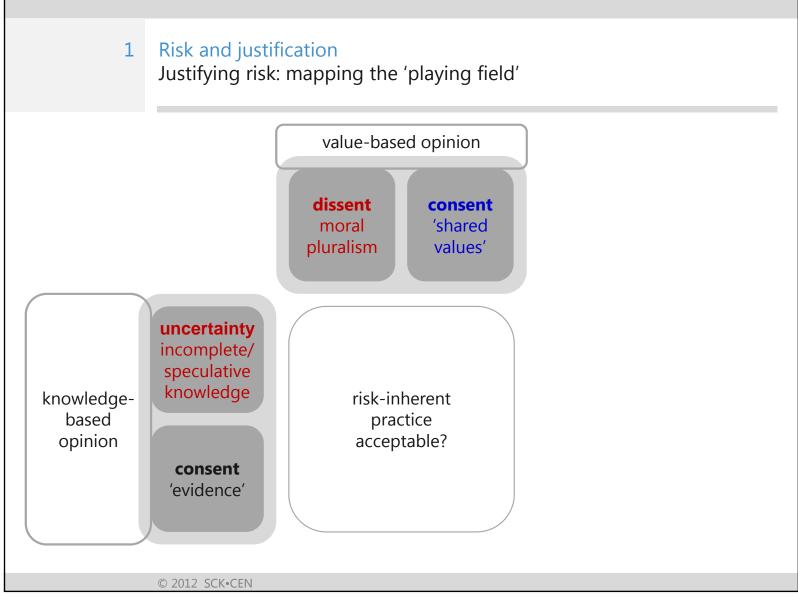
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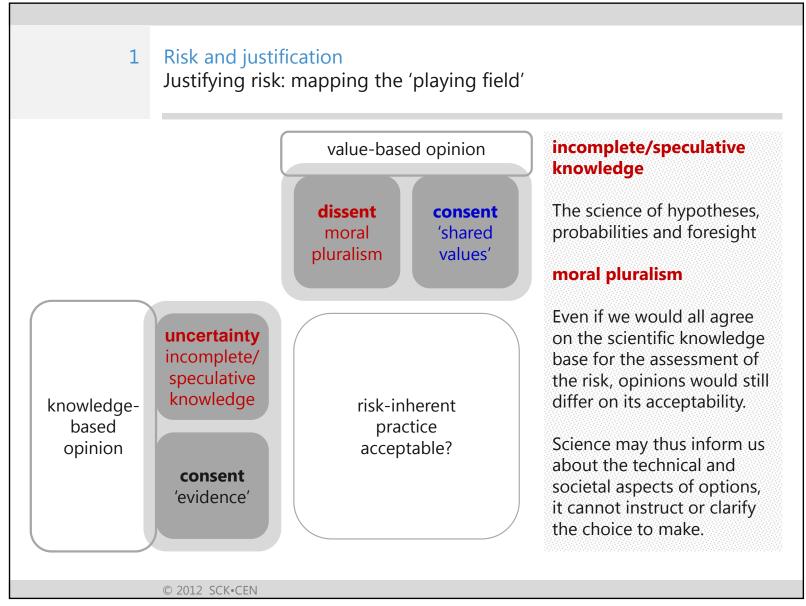
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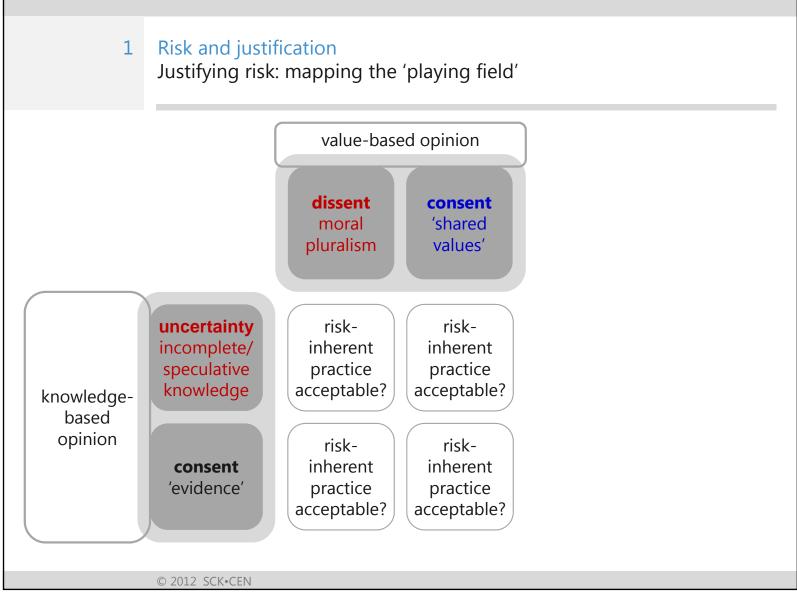
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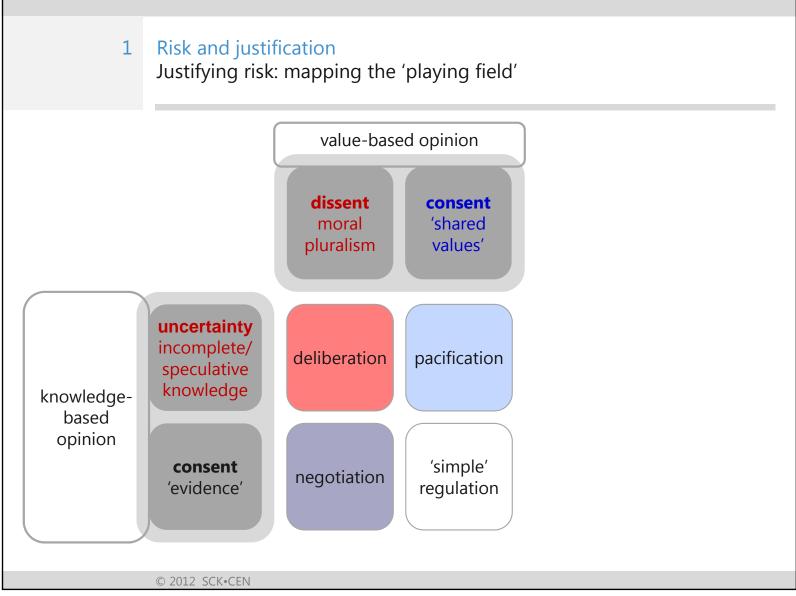
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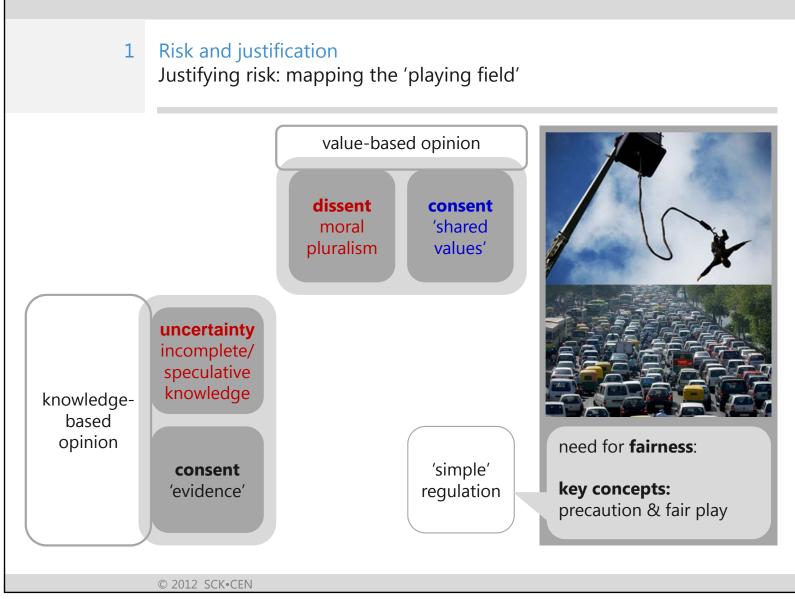
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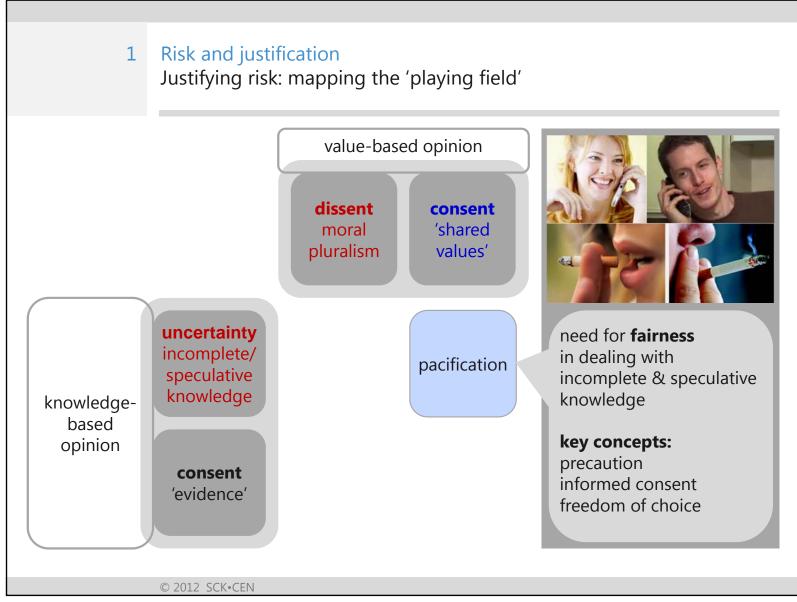
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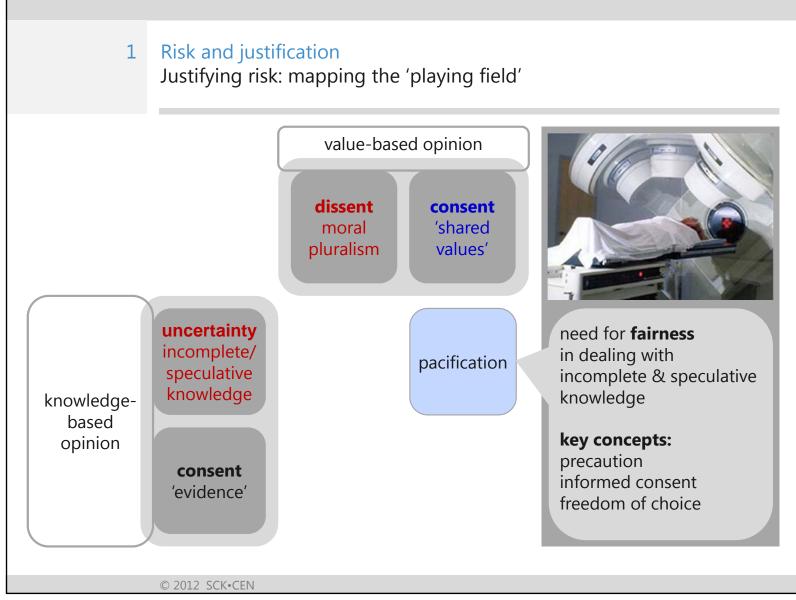
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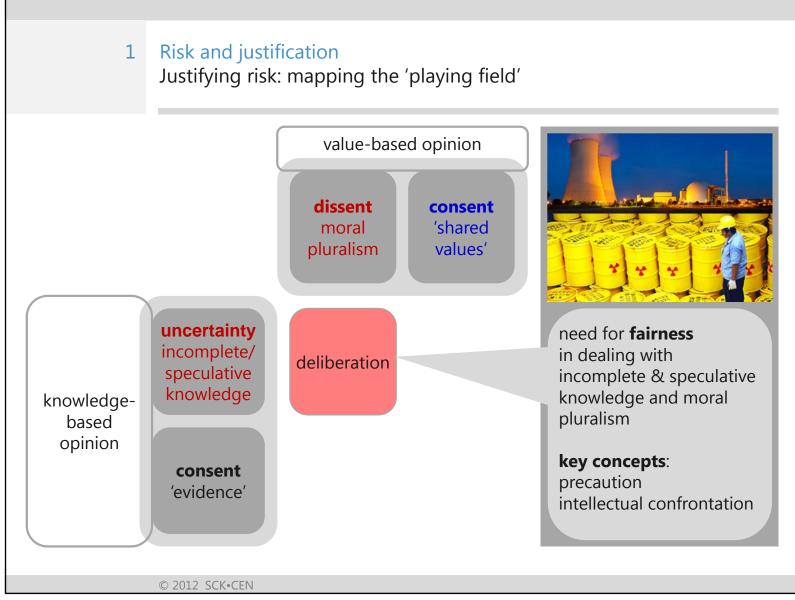
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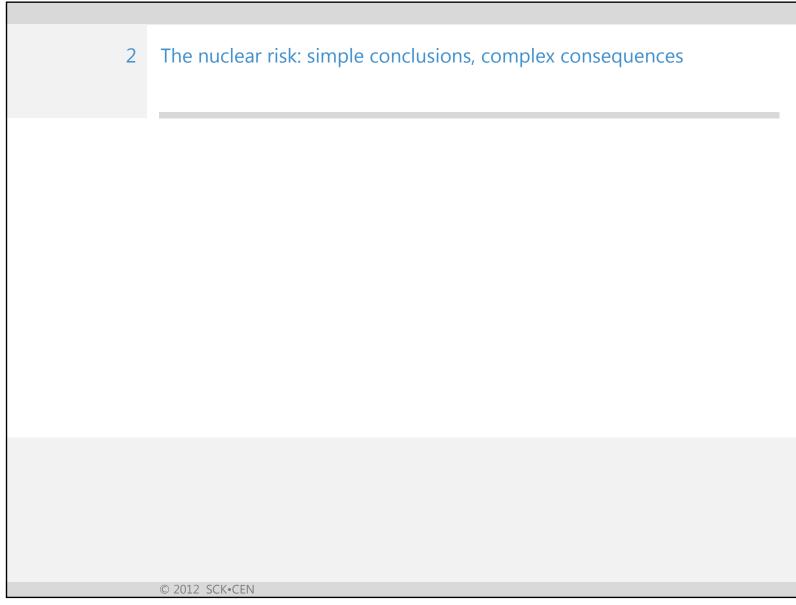
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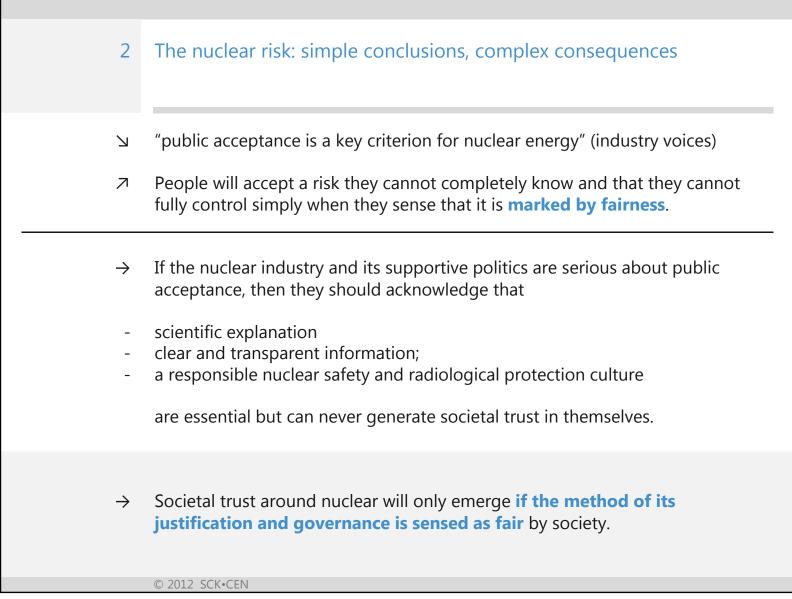
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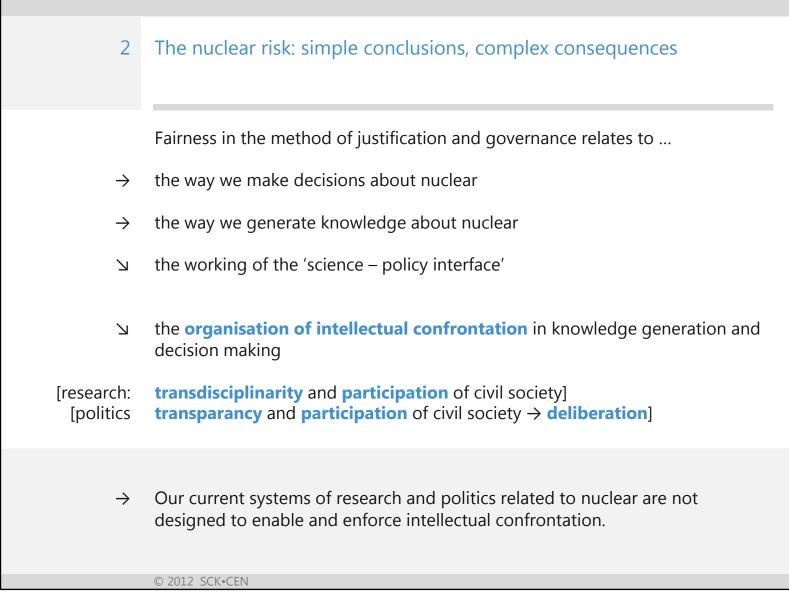


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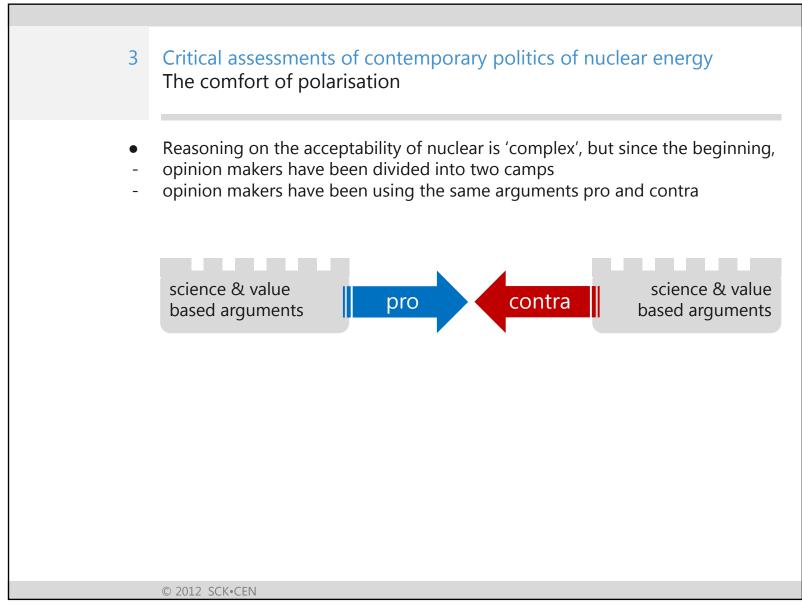


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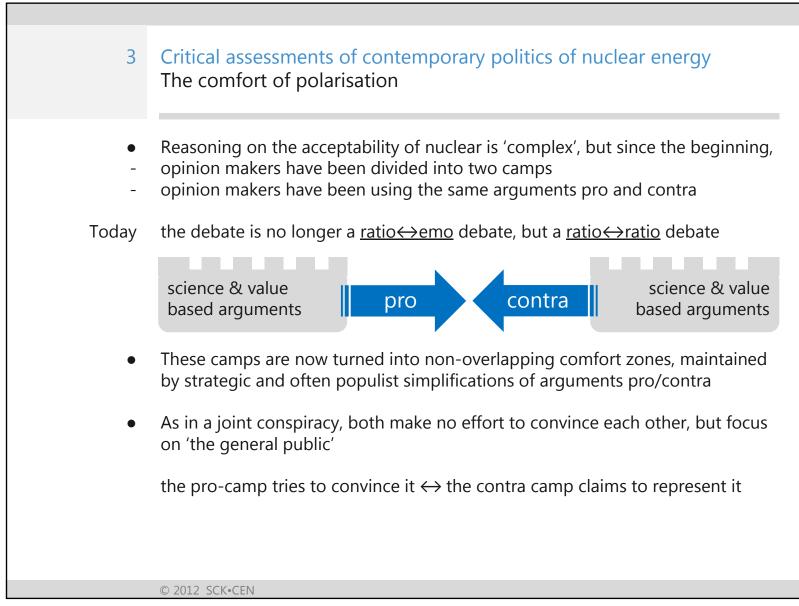


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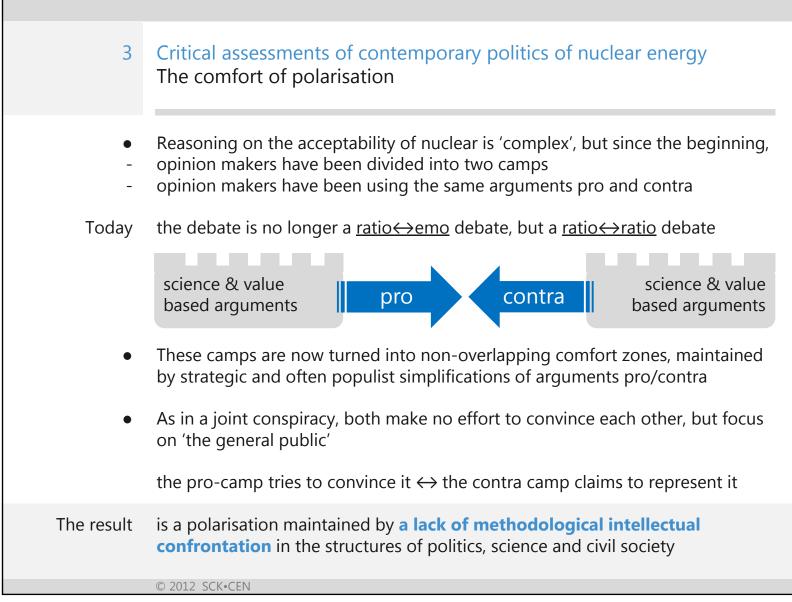
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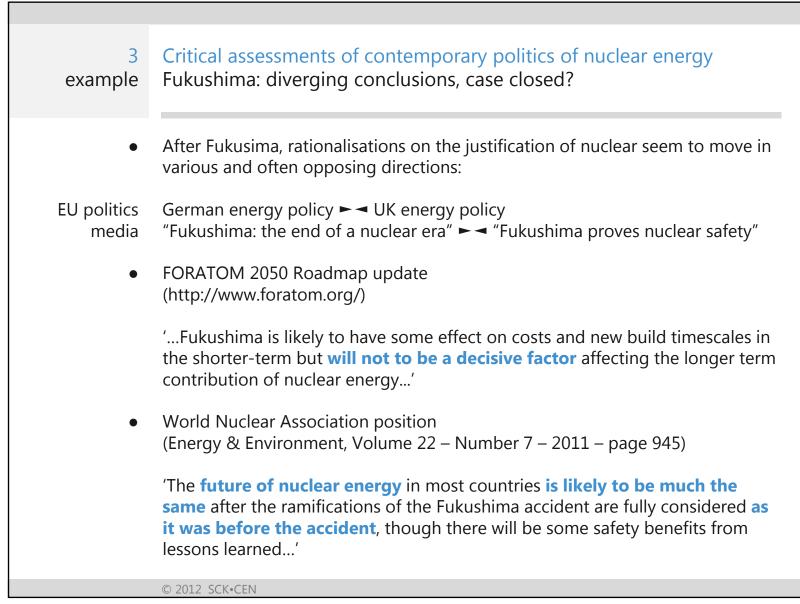
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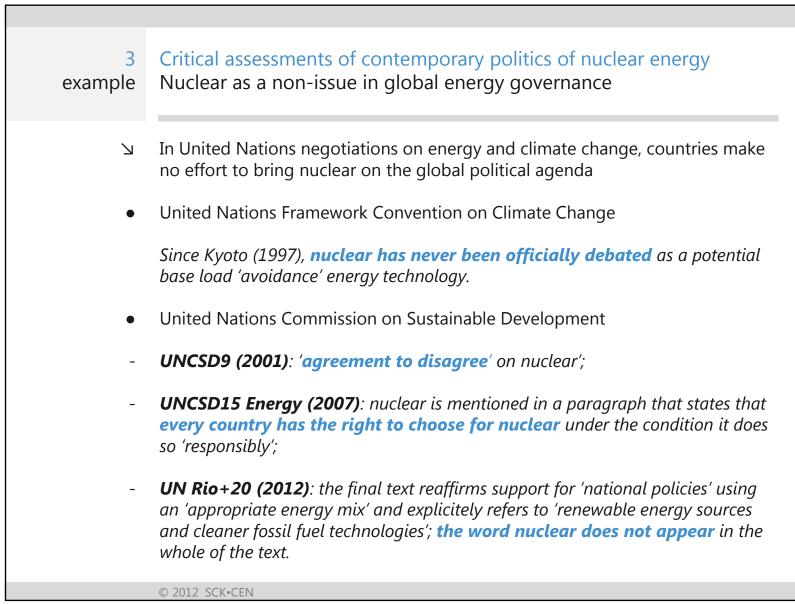


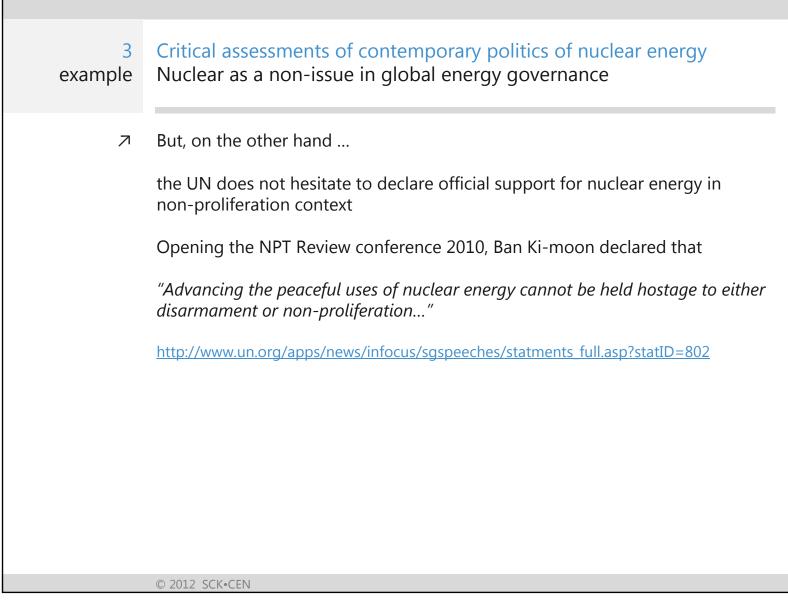
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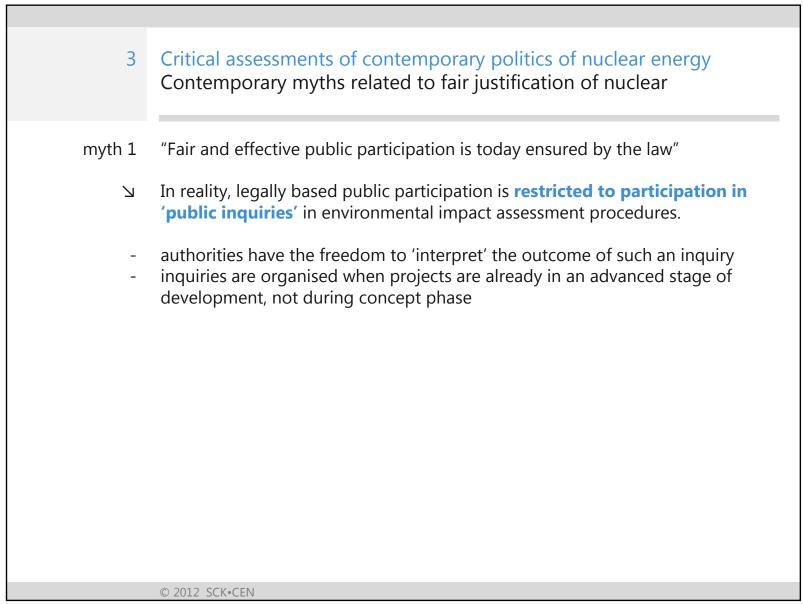


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3	Critical assessments of contemporary politics of nuclear energy Contemporary myths related to fair justification of nuclear
myth 1	"Fair and effective public participation is today ensured by the law"
Ы	In reality, legally based public participation is restricted to participation in 'public inquiries' in environmental impact assessment procedures.
-	authorities have the freedom to 'interpret' the outcome of such an inquiry; inquiries are organised when projects are already in an advanced stage of development, not during concept phase.
myth 2	"The energy market can serve as a way to fairly justify nuclear energy"
レン (a) (b)	The market rationale for the nuclear option fails because it remains uncertain how (and how much) externalities should be internalised; investing in nuclear is impossible without structural subsidies.
Ы	The market rationale fails for energy governance as a whole as (a) also counts for fossil fuels and (b) counts for all energy technologies.
	An energy market with fossil fuels and nuclear can never be 'free'
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4 Criteria for fair and effective energy governance 'Finding trust by method instead of proof'

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4	Criteria for fair and effective energy governance 'Finding trust by method instead of proof'
	basics for energy governance
first focus	fair and effective policies for energy savings
then	fair and effective policies on renewable energy
then	confrontation 'between' fossil fuels and nuclear
recall レ	the organisation of intellectual confrontation in knowledge generation and decision making
[research: [politics	transdisciplinarity and participation of civil society] transparancy and participation of civil society \rightarrow deliberation]
<u>but</u>	Nuclear will only have a fair chance in this deliberation if its supporters (including nuclear research and industry) engage in active pacifism with regard to the use of its own technology.
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