

Hertie School
of Governance



ENGPASSMANAGEMENT

Strommarkttreffen | Hertie School of Governance | 15 Mar 2019

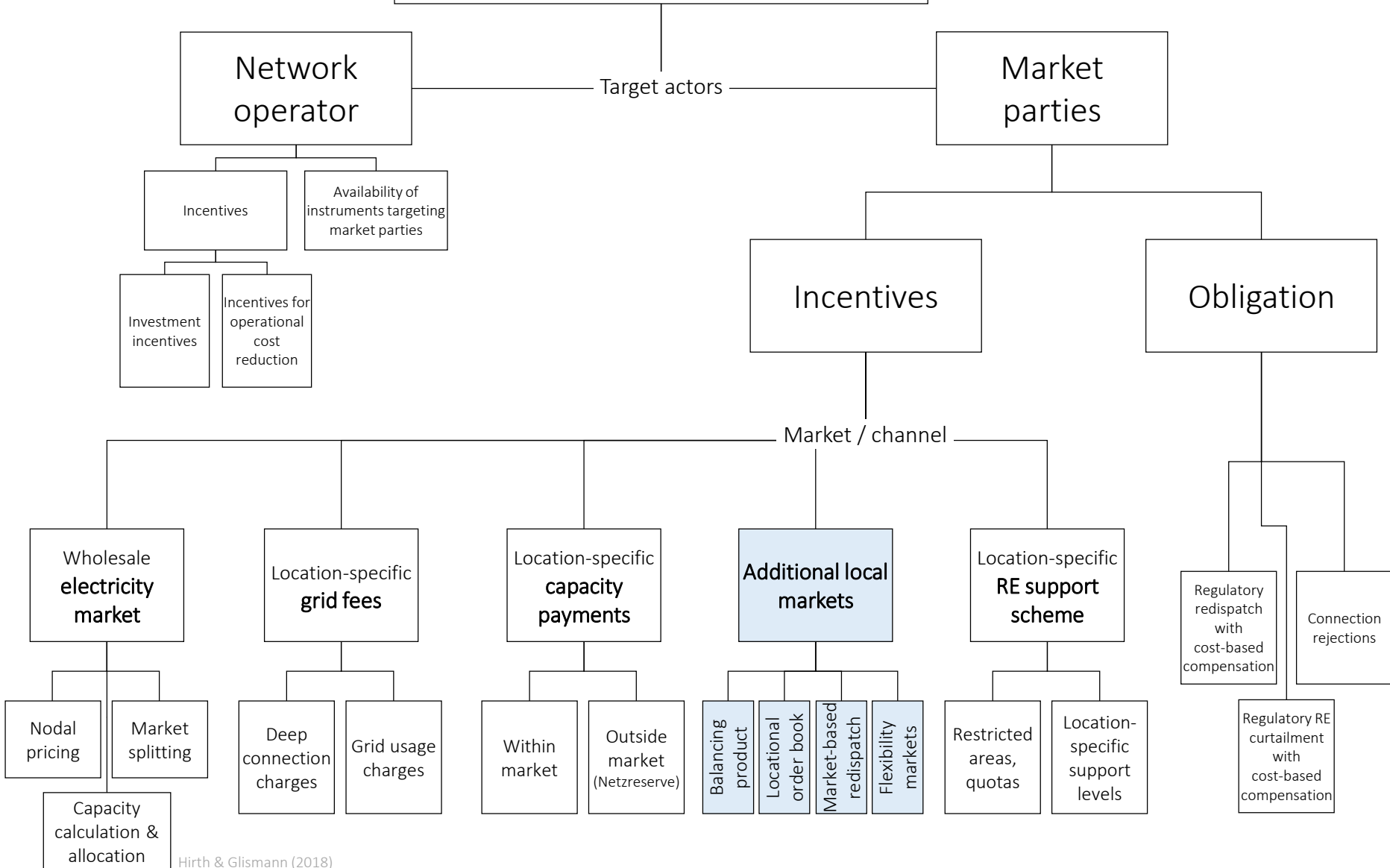
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Energy, climate, sustainability teaching at Hertie

Field	1 st Year Fall	1 st Year Spring	2 nd Year Fall	2 nd Year Spring
Energy		Electricity Economics (Hirth)	Electricity Economics (Hirth)	Electricity System Modeling (Hirth)
			Renewable Energy Policies (Hirth)	
			Geopolitics of Oil & Gas (O'Donnell)	
Climate		Economic Growth & Climate Change (Hirth)		Advanced Climate Policy (Flachsland)
				Emissions Pricing (Flachsland / Hirth)
Sustainability	Policy Process: Sustainability (Flachsland)	Sustainability Project Course (Kroll)	Sustainability 101 (Flachsland)	

Congestion management



Redispatch markets

Redispatch market: a mechanism ...

- ... to avoid/relief congestion in the distribution and/or transmission grid
- ... through redispatching generation / loads / storage
- ... with voluntary participation

Pilots and proposals for redispatch markets across Europe

Nodes AS	Interrface	Smart Nord - ReFlex
C/sells (ALF)	Reflex	Interflex (Smart Grid Hub)
C/sells (Dillenburg)	Grid Integration / Flex-2-Market	HeatFlex
C/sells (Comax)	USEF	Smile
Windnode	IDCONS	United Grid
DA/RE	NEW 4.0 (ENKO)	bne Flex Market
Flexrouter	Designnetz (System Cockpit)	EnergiePlattform
ENERA	NEW 4.0 (Smart Market)	

Updated from Radecke & Hefele (forthcoming)