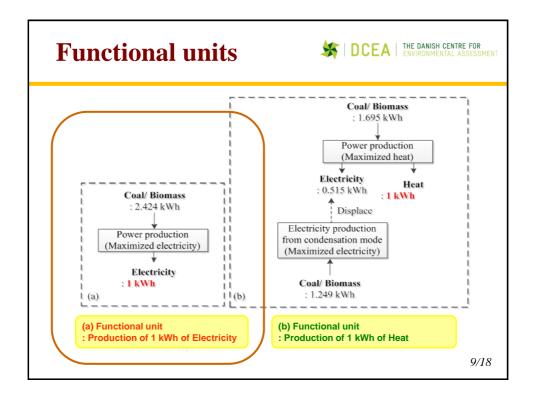
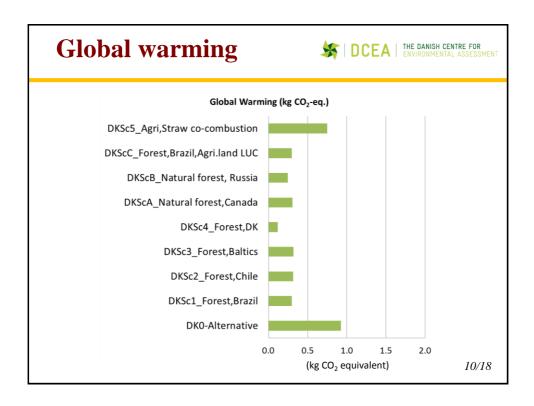
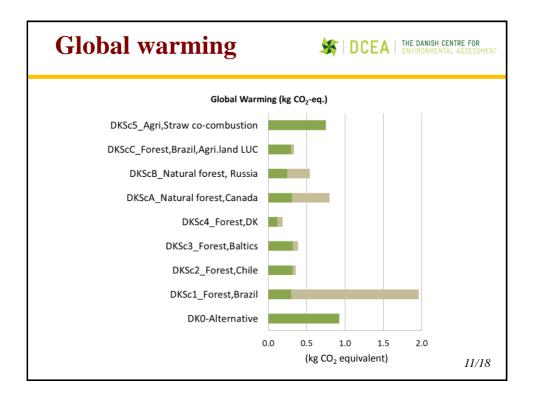
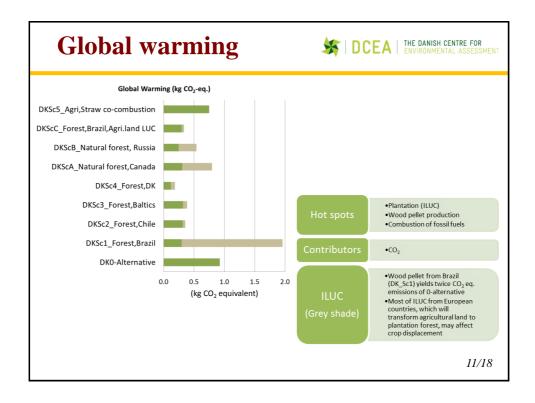


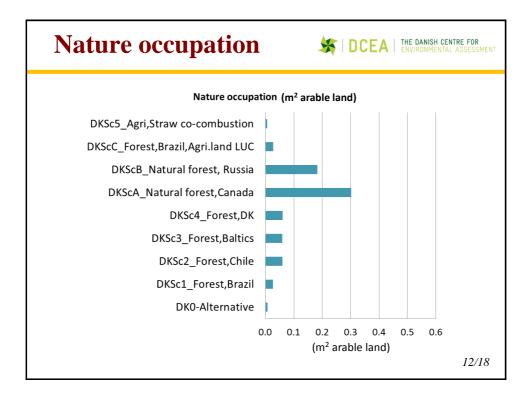
Scenarios			<b>SECONDERSING AND AND AND AND AND AND AND AND AND AND</b>	
Scenario	Conversion technology	Type of plant	Type of fuel (source)	
DK 0-alternative	— Combined heat and –	— Existing —	- Coal	→ DKSc
	power plant (CHP)			
DK Forest —	- снр —	Existing	Wood pellets (Brazil; plantation forests; standalone production - marginal)	→ DKSc
	t	- Existing -	Wood pellets (Chile; plantation forests; standalone production - marginal)	DKSc
	-	— Existing — — Existing —	Wood chips (Local production; plantation forests; standalone production; land use impacts on agricultural land)	DKSC
	-	— Existing —	Wood pellets (Canada; natural forests; co-production with wood products)	DKSc.
	-	- Existing	Wood pellets (Russian Federation; primary forests; co-production with wood products)	DKScl
	-	— Existing	Wood pellets (Brazil; plantation forests; standalone production; land use impacts on agricultural land)	→ DKSc
DK Agriculture	— СНР —	Existing	Wheat straw (local production; co-combustion with coal)	→ DKSc
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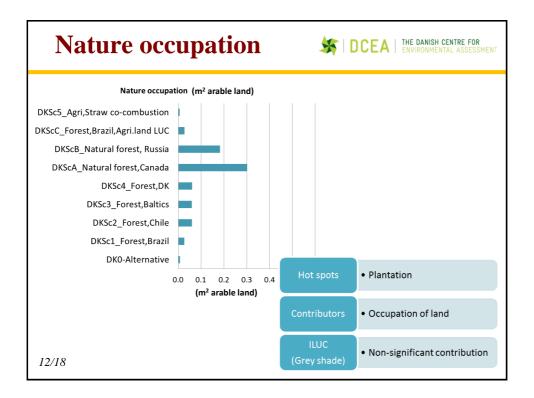


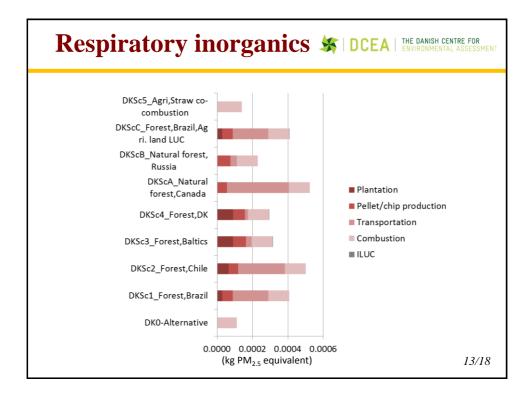


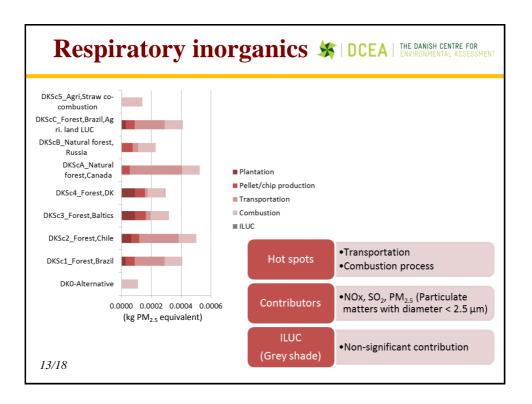


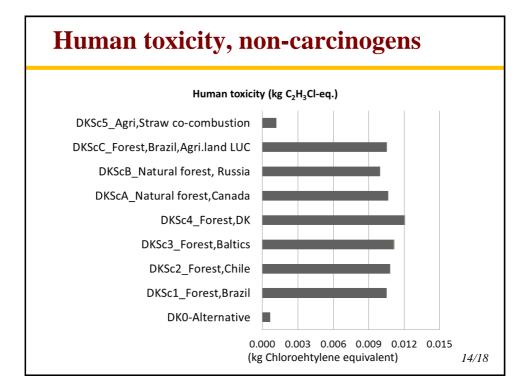


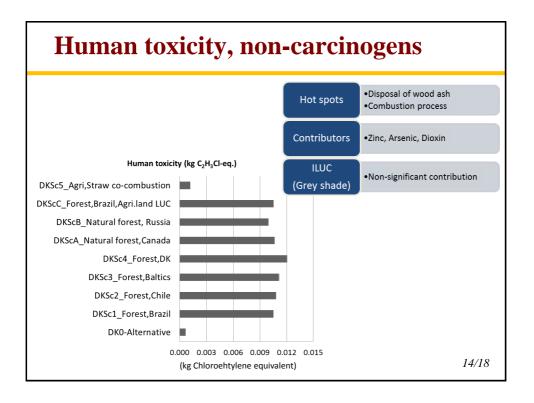


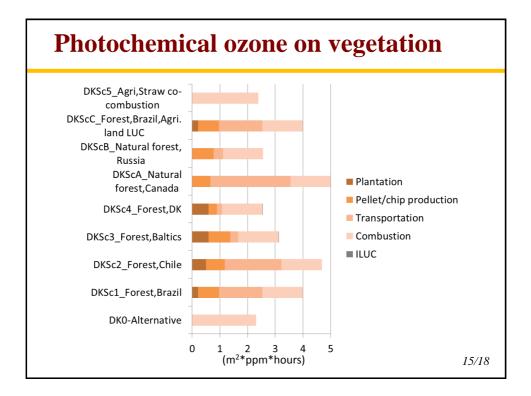


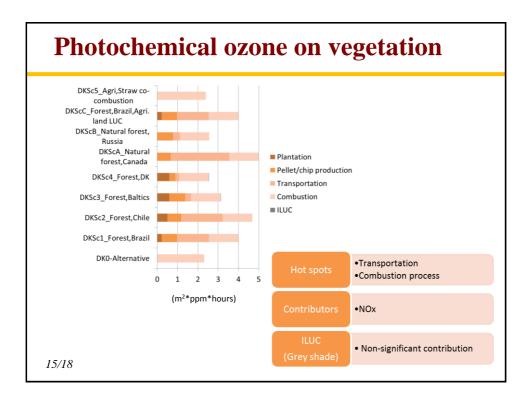


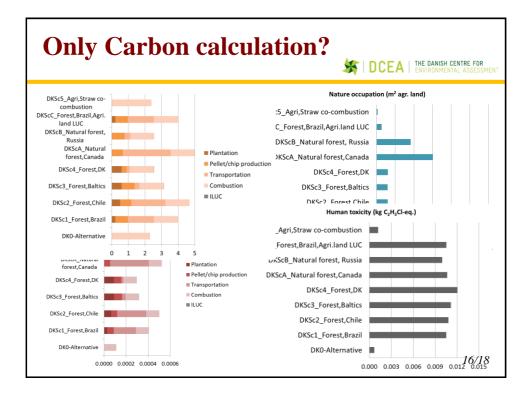


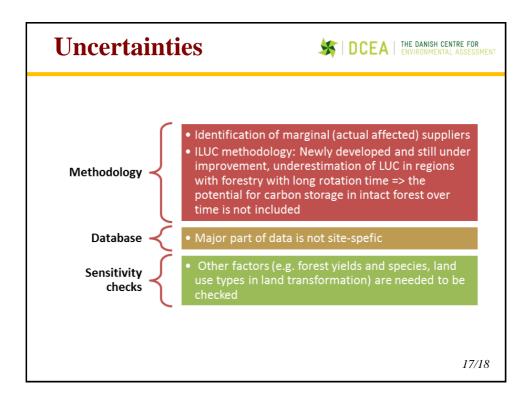












## **Conclusions and perspectives**

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The focus only direct **"carbon"** calculation in biomass power production may mislead the conclusions because non-counted  $CO_2$  emissions from indirect land use changes may larger than  $CO_2$  emissions from coal combustion

The focus only **"carbon"** in biomass power production excluding lead to adverse impacts on human health (respiratory effects, human toxicity), biodiversity (from nature occupation and photochemical ozone on vegetation), and society (from hidden socio-economic impacts).

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