



VBO

Verbond van
Belgische
Ondernemingen

FEB

Fédération des
Entreprises de
Belgique

CCPIE stakeholder debate Outlook to COP24 in Katowice

26/11/2018

Business expectations from COP24



Finalise the Paris rulebook, including strong monitoring, verification and accounting rules

Take step forward in terms of **global carbon markets / pricing**

- Elaboration of article 6 – keep it sufficiently practical
- Strive towards maximal uptake / harmonisation of carbon pricing

Strengthen the **international dynamics**

- Quid involvement US, Brazil, Australia, ...?
- Need ambition convergence instead of divergence so that we can prepare for enhancing global efforts
- Likelihood of successful transition much higher if everybody commits (technology development, infrastructure, finance, ...)



IPCC 1,5 degrees report



	Primary energy supply [EJ]			Share of primary energy [%]		Growth Factor 2020-2050
	2020	2030	2050	2020	2050	
total primary	582.12 (636.98, 483.22)	502.81 (749.05, 237.37)	580.78 (1012.50, 289.02)			0.03 (0.59, -0.51)
renewables	87.70 (101.60, 60.16)	139.48 (203.90, 87.75)	293.80 (584.78, 176.77)	15.03 (20.39, 10.60)	60.80 (87.89, 28.47)	2.62 (6.71, 0.91)
biomass	61.35 (73.03, 40.54)	75.28 (113.02, 44.42)	154.13 (311.72, 40.36)	10.27 (14.23, 7.14)	26.38 (54.10, 10.29)	1.71 (5.56, -0.42)
non-biomass	26.35 (36.58, 17.60)	61.60 (114.41, 25.79)	157.37 (409.94, 53.79)	4.40 (7.19, 2.84)	28.60 (61.61, 9.87)	4.63 (13.46, 1.38)
nuclear	10.93 (18.55, 8.52)	16.22 (41.73, 6.80)	24.48 (115.80, 3.09)	1.97 (3.37, 1.45)	4.22 (13.60, 0.43)	1.34 (7.22, -0.64)
fossil	493.44 (638.04, 376.30)	347.62 (605.68, 70.14)	199.63 (608.39, 43.87)	83.56 (114.75, 77.73)	33.58 (74.63, 7.70)	-0.58 (0.12, -0.91)
coal	147.09 (193.55, 83.23)	49.46 (176.99, 5.97)	23.84 (134.69, 0.36)	25.72 (30.82, 17.19)	4.99 (13.30, 0.05)	-0.85 (-0.30, -1.00)
gas	135.58 (169.50, 105.01)	127.99 (208.55, 17.30)	88.97 (265.66, 14.92)	23.28 (28.39, 18.09)	13.46 (34.83, 2.80)	-0.37 (0.99, -0.88)
oil	195.02 (245.15, 151.02)	175.69 (319.80, 38.94)	93.48 (208.04, 15.07)	33.79 (42.24, 28.07)	16.22 (27.30, 2.89)	-0.54 (0.06, -0.93)

Key observations:

1. Primary energy use basically constant
2. Renewables:
 - A. Major growth for wind and sun
 - B. Also significant growth for biomass
3. Nuclear to double
4. Fossil fuel use
 1. drops dramatically, especially coal
 2. Often linked to CCS



Increasing electrification
(34% - 71%)



Thanks!

Contact:
pjd@vbo-feb.be