



Har kutt i kvotepliktig sektor klimaeffekt?

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POINT CARBON



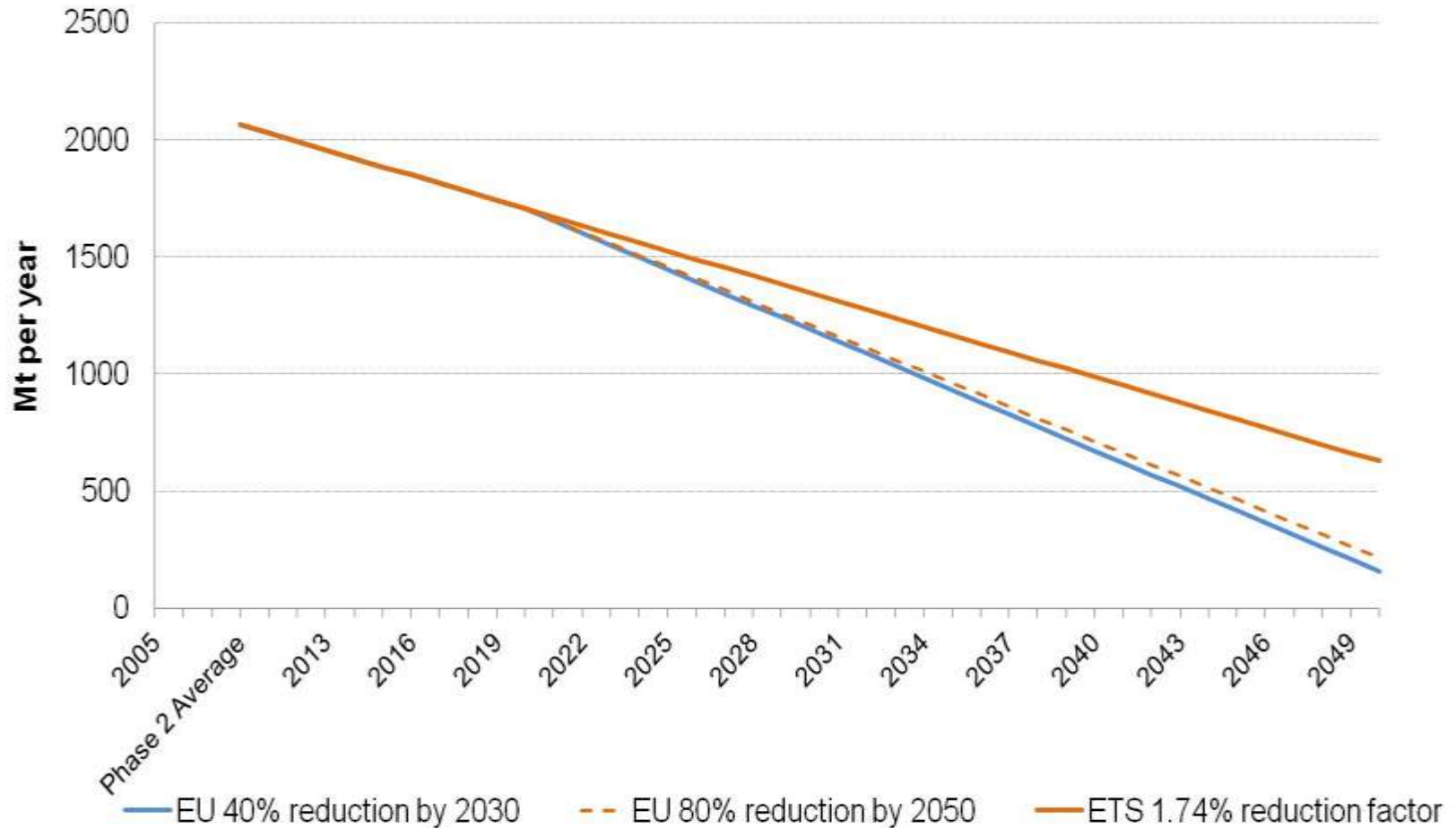
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Fleip eller fakta?

- **Vil lavere utslipp på norsk sokkel bety lavere utslipp i Europa?**
- ”Både oljeutvinningen og elektisitetsproduksjonen er underlagt kvoteplikt i EUs kvotesystem. Det samlede utslippsnivået for *hele* kvotesystemet blir derfor bestemt av det *samlede* antallet kvoter innenfor systemet”.
- Lavere utslipp på sokkelen blir dermed motsvart av økte utslipp andre steder i kvotesystemet. Bare redusert samlet kvotemengde kan redusere samlede utslipp.

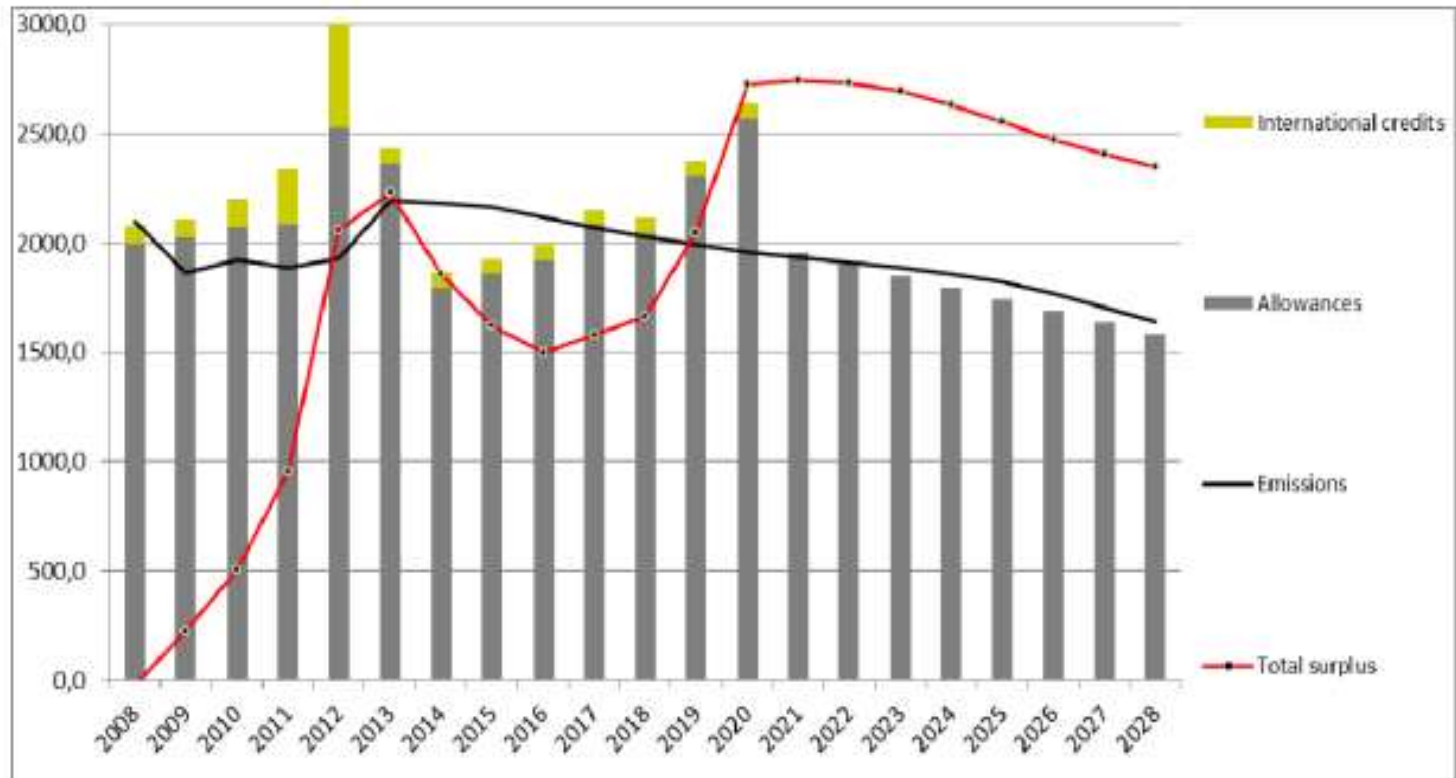
Kilde: OED, 12 mai 2014

OED har rett – en gang i framtiden



Start kvoteoverskudd fram til 2030

Figure 3: historical and projected future profile of supply and demand up to 2028 with back-loading and a 40% GHG target for 2030



Source: European Commission, MSR impact assessment

Hva kan endre bildet?

- Mye høyre BNP vekst enn forventet i Europa
 - Usannsynlig
- Svakere politikk på fornybar energi og energieffektivitet
 - Usannsynlig
- Reform av EU ETS
 - Forslag om innføring av en ”stabilitetsreserve” vil trolig bli vedtatt
 - Kan gi høyere pris og dermed større kutt i kvotepliktig sektor før 2030

Stabilitetsreserven (MSR) kan gi høyere pris

POINT CARBON **MSR parameters**

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Run Model

Start date	Take out volume	Take out limit	Take out limit (input)	Release limit	Release volume	Article 2
2021	12	833		400	100	Including Article 2
	Percent				Million tons	

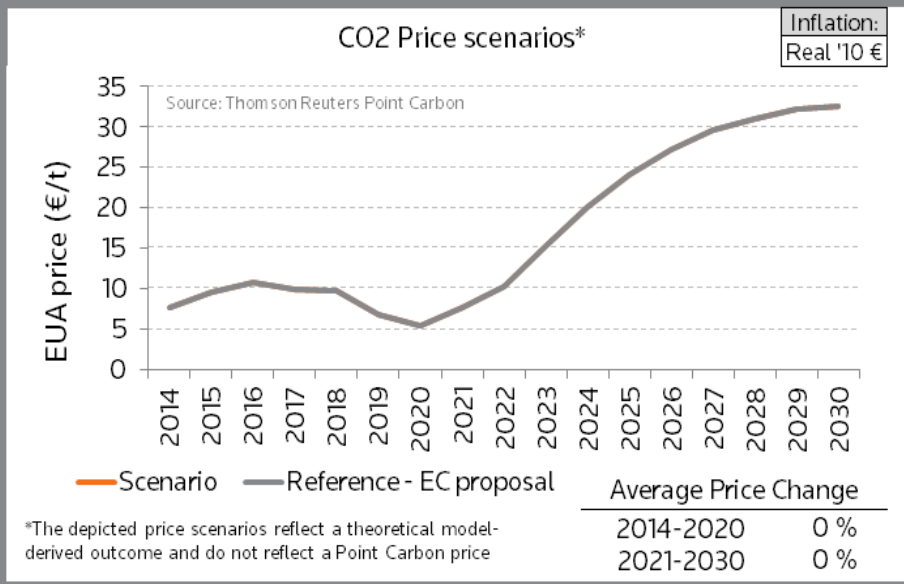
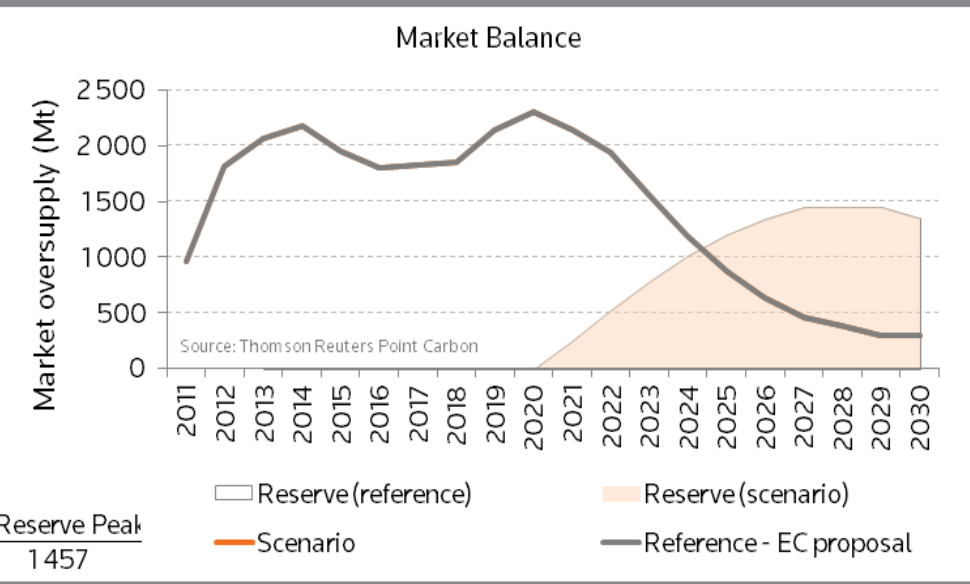
Other Parameter

GHG 2030 target	RES 2030 target	EE 2030 target	GDP
40 %	27 %	30 %	Point Carbon base case

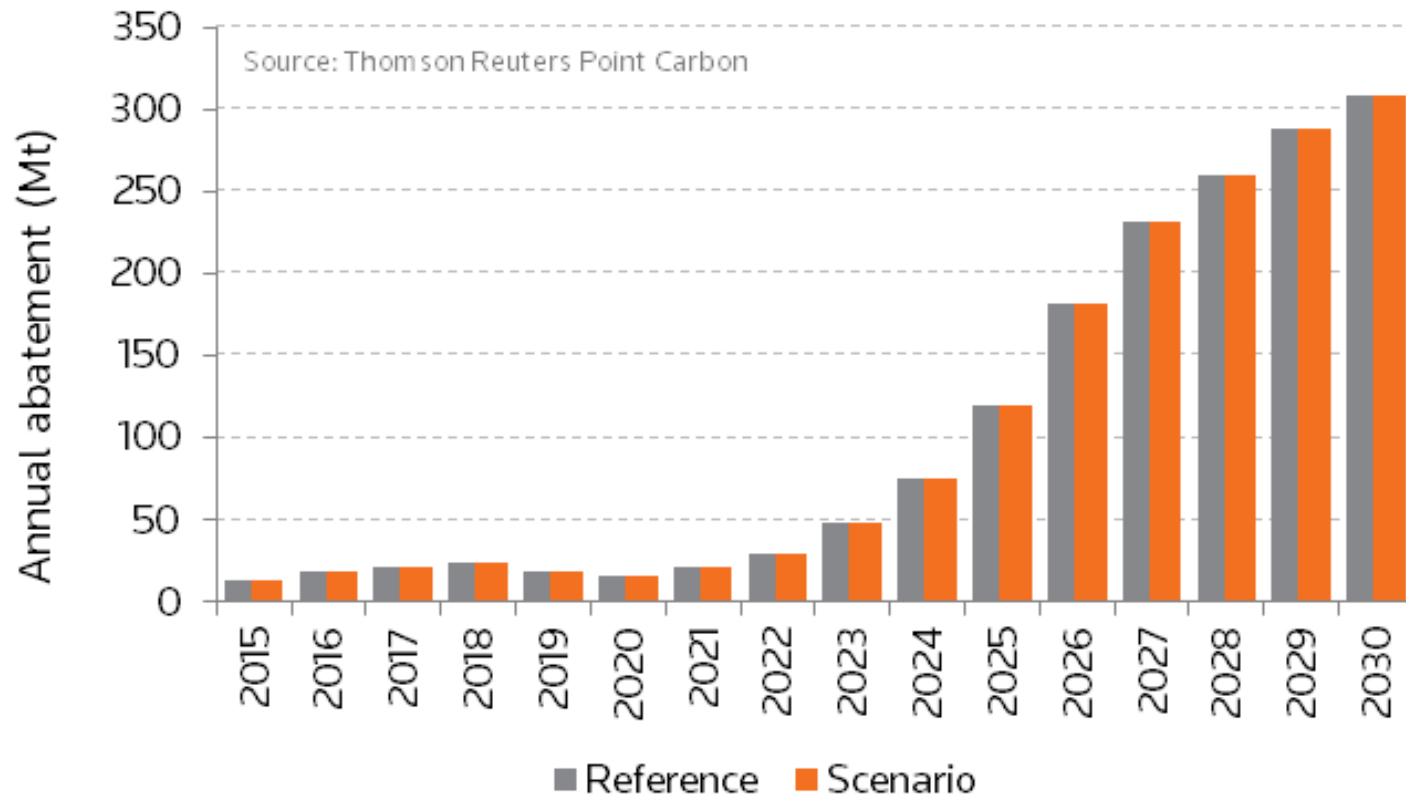
Default

No MSR Scenario

FRA proposal



Mulige kutt pga høyere kvotepris



Uten MSR og med 1% BNP vekst

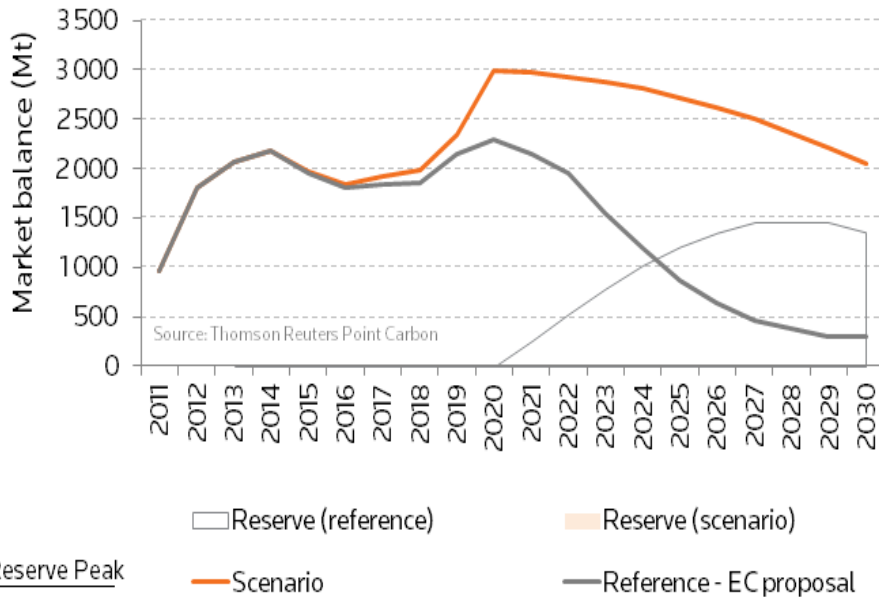
Run Model

Start date	Take out volume	Take out limit	Take out limit (input)	Release limit	Release volume	Article 2	MSR Delay
2021	0	0	0	0	0	Excluding Article 2	2 years
	Percent				Million tons		

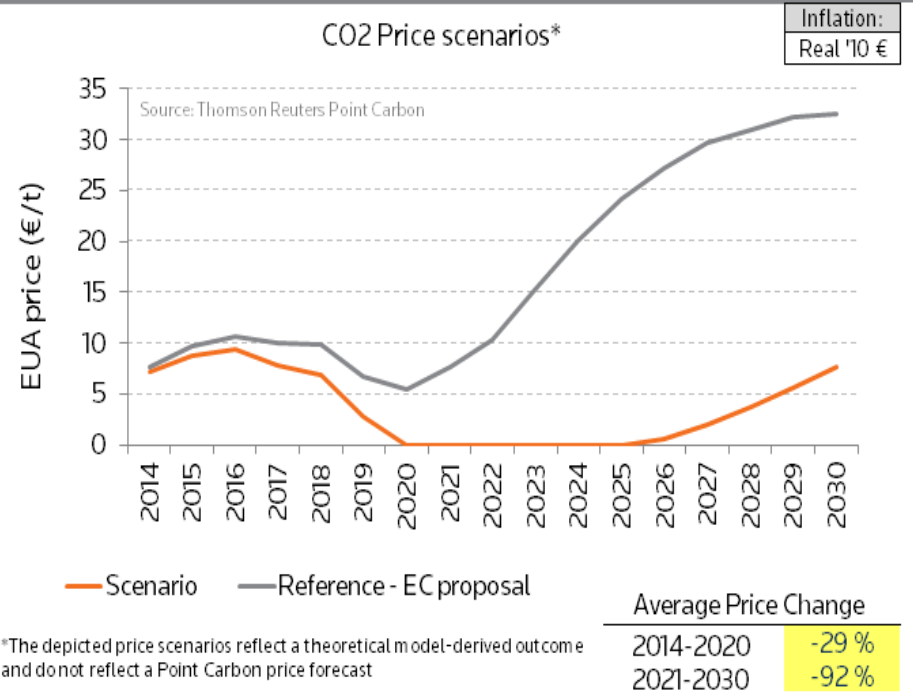
Other Inputs

GHG 2030 target	RES 2030 target	EE 2030 target	GDP	Default
40 %	27 %	30 %	1 %	<input checked="" type="checkbox"/> No MSR Scenario <input type="checkbox"/> FRA proposal

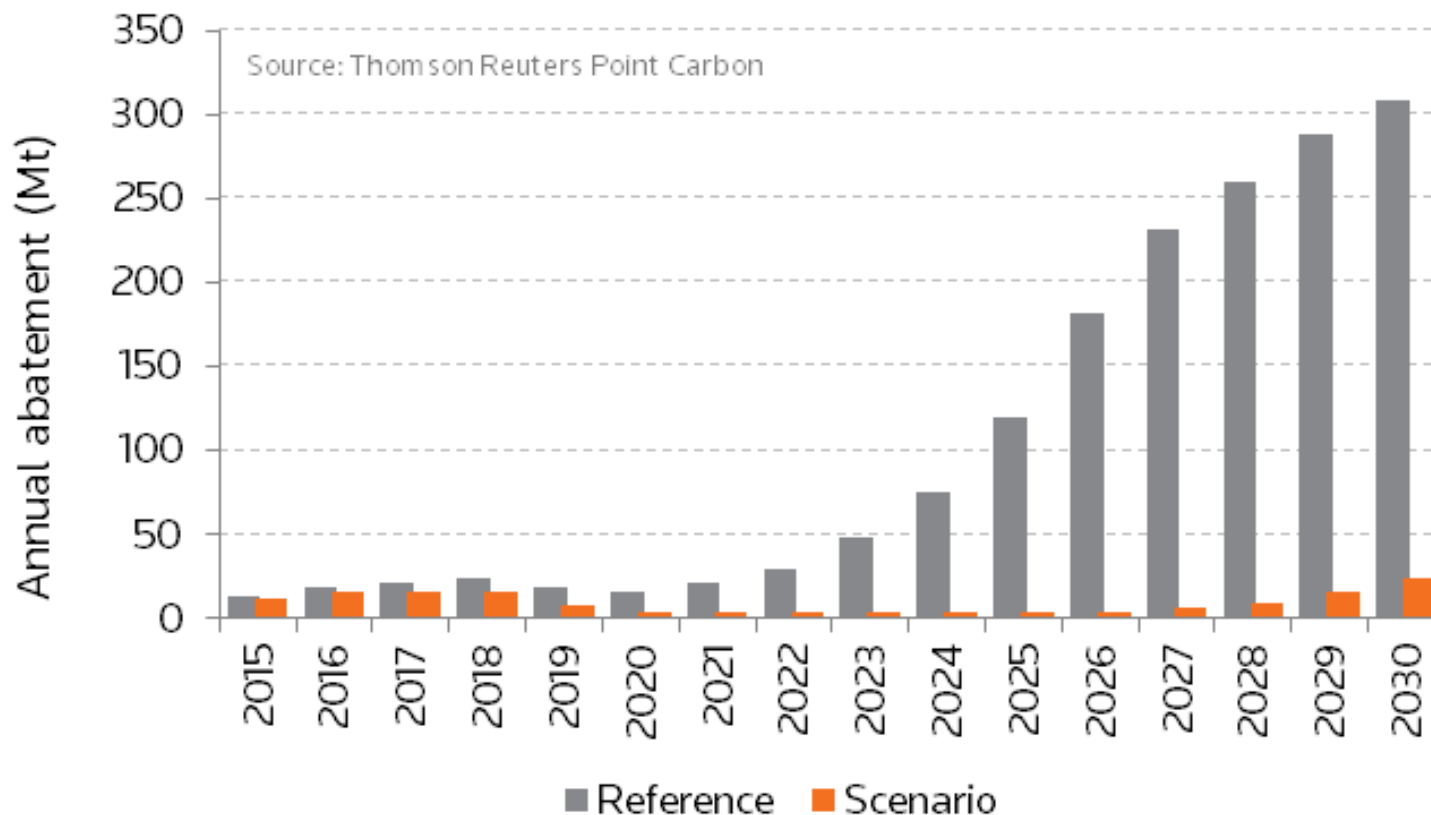
Market Balance



CO2 Price scenarios*



Ingen kutt i EU ETS før 2030



Take aways

- På grunn av kvoteoverskuddet er det ingen automatikk i at kutt i Norge gir økte utslipp andre steder
- Norske politikere vil ikke vite faktisk effekt av norske kutt før om 10-15 år
 - ”Vi bør ikke kutte utslipp i Norge nå fordi det kan gi økte utslipp fra et polsk kullkraftverk i 2030”
- Og husk at nasjonale klimamål gjør hele diskusjonen irrelevant..

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