

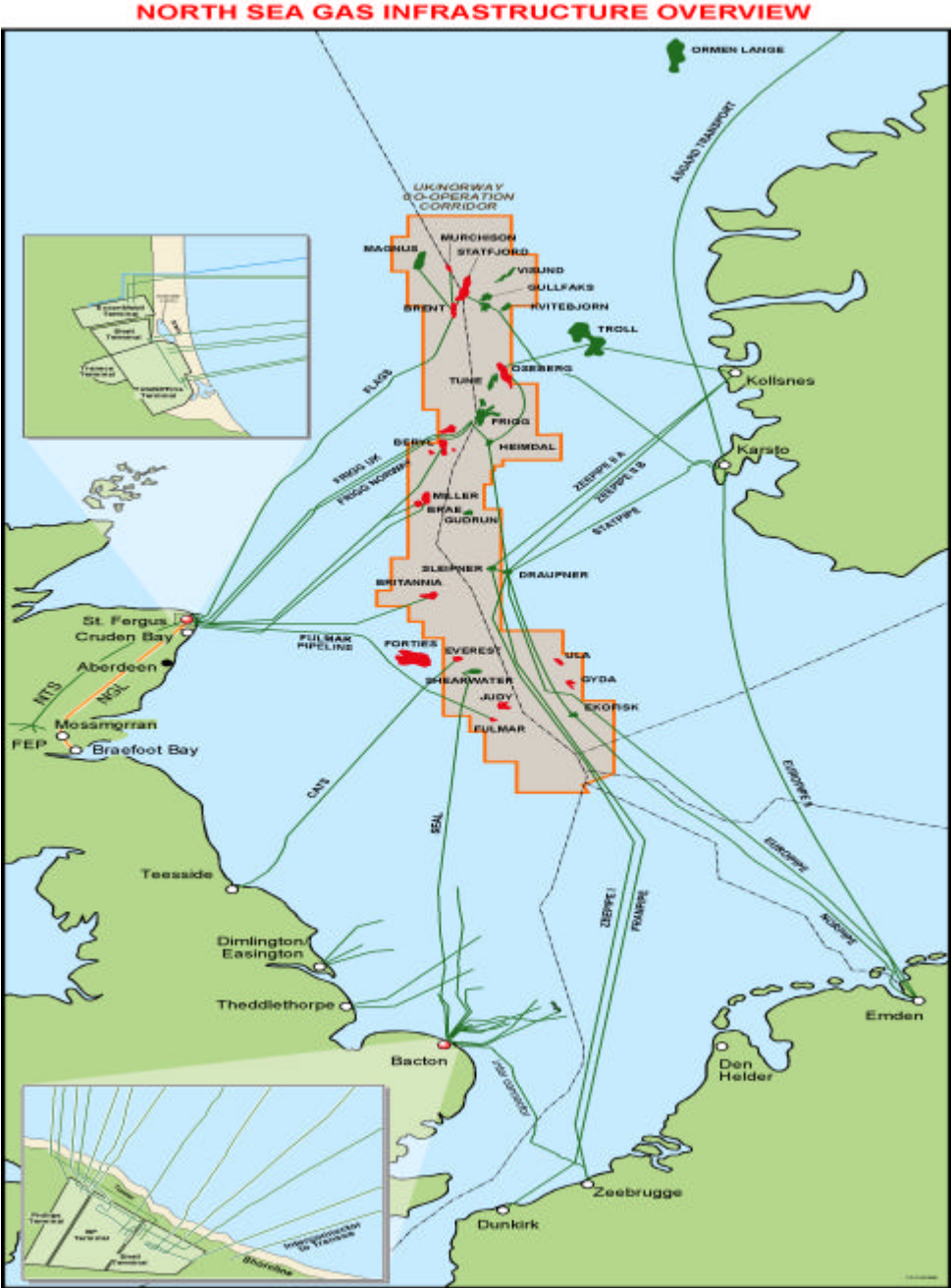
Analysis of cooperation corridor

EAG analysis UK/Norway

- ✓ **Activity Shapes constructed for corridor**
 - **UKCS:Based on UKOOA/DTI survey Autumn 2001**
 - **Norway:Based on NPD database**
- ✓ **Provides flavour of current and future contribution**
- ✓ **Gas pipeline ullage for UK pipelines in NNS/CNS also provided.**
 - **Based on Wood Mackenzie data**
 - **Assumes potential projects proceed**

Corridor outline

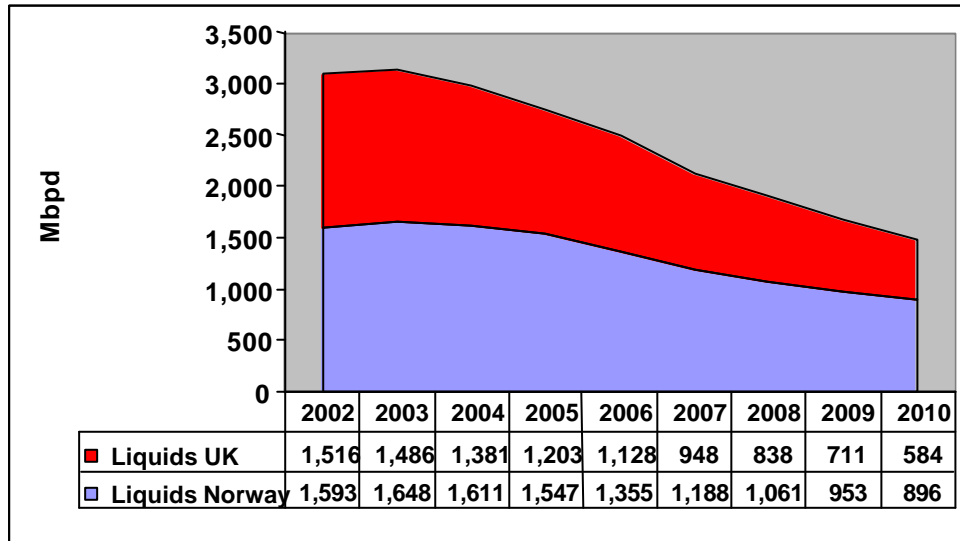
EAG analysis UK/Norway



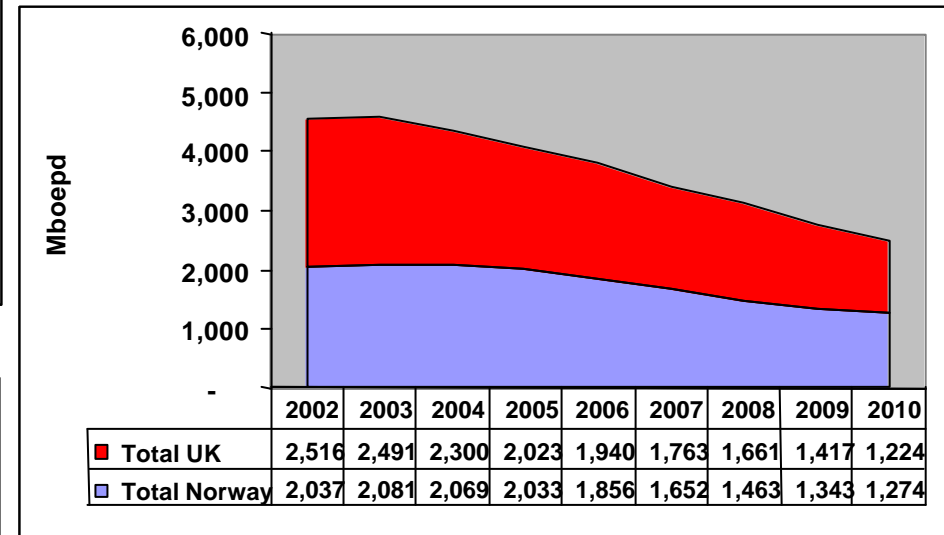
Cooperation Corridor- Production

EAG analysis UK/Norway

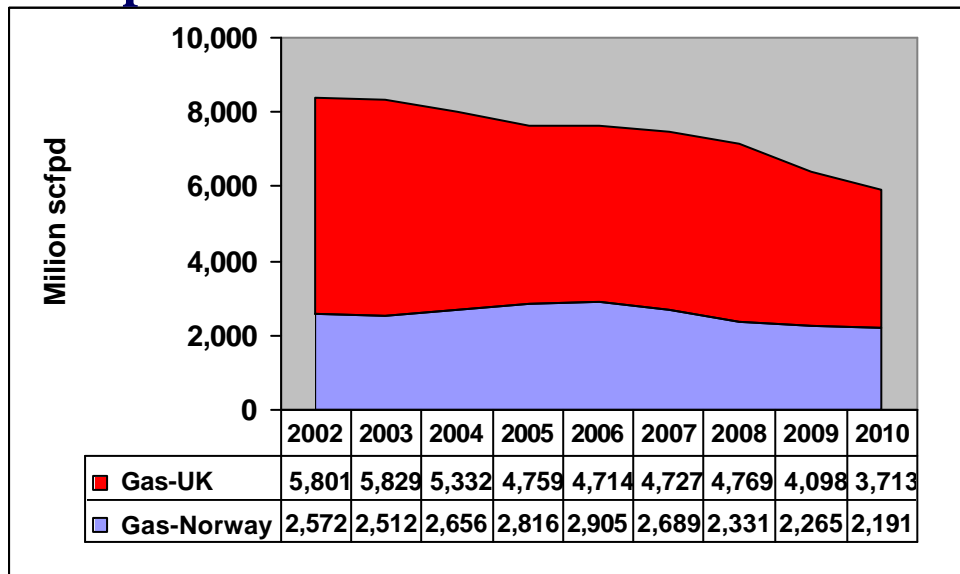
Liquids Production



Total Production



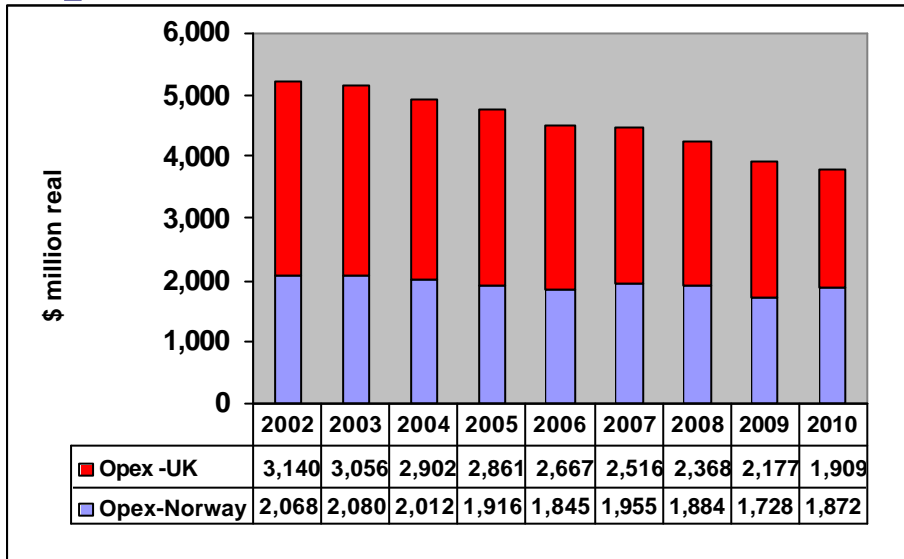
Gas production



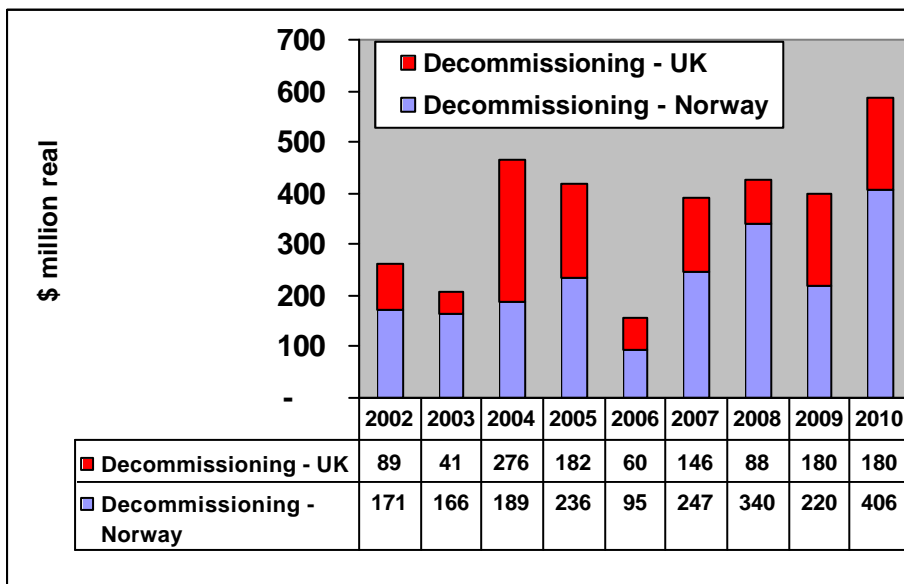
Cooperation Corridor – Cost data

EAG analysis UK/Norway

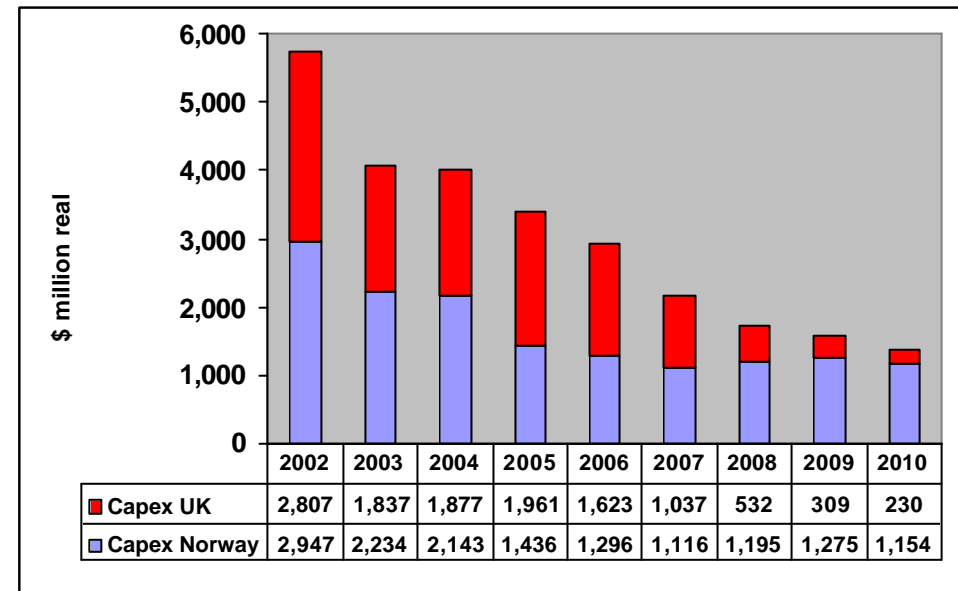
Opex



Removal costs

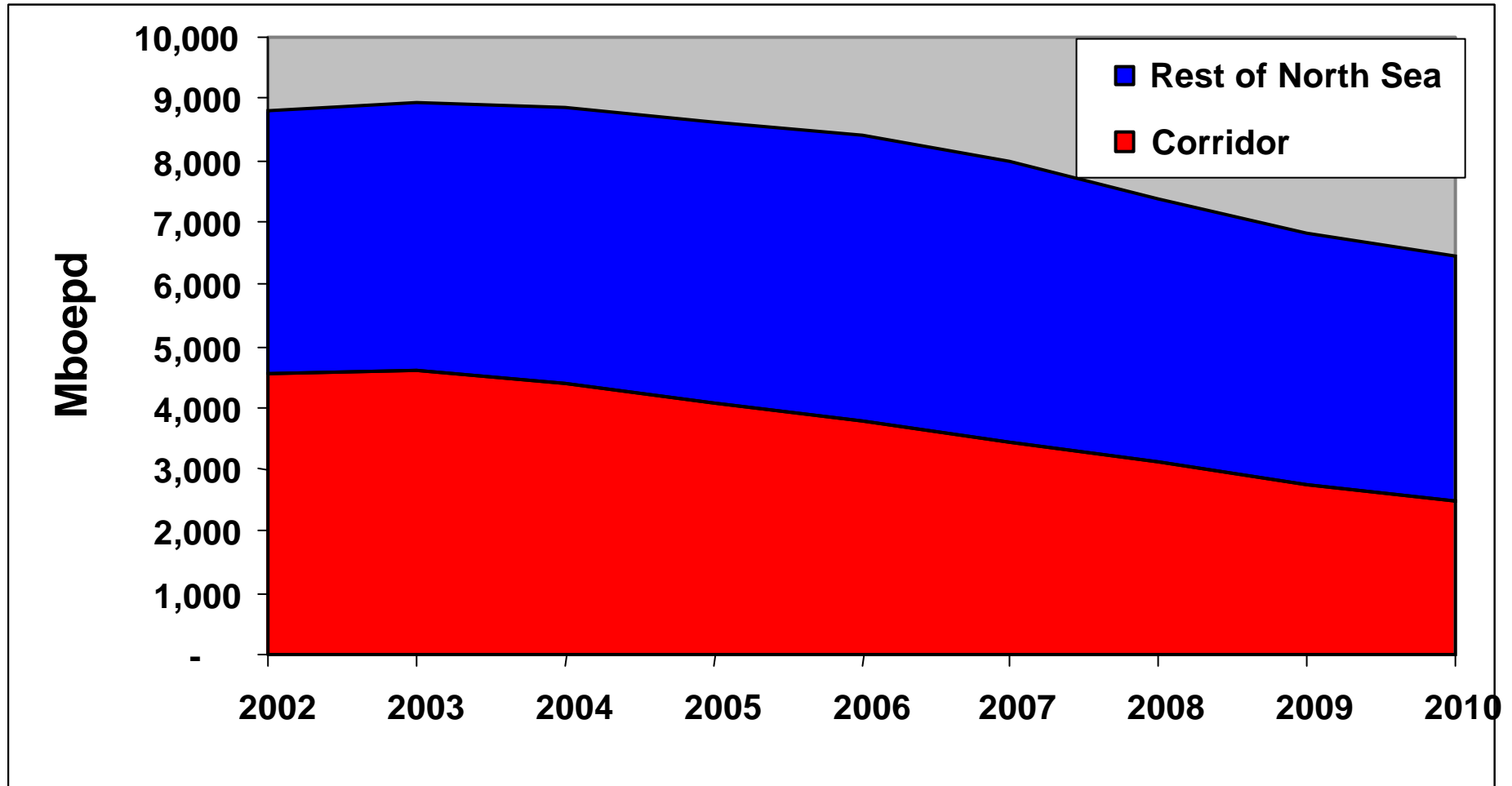


Capex



Total Corridor production v North Sea

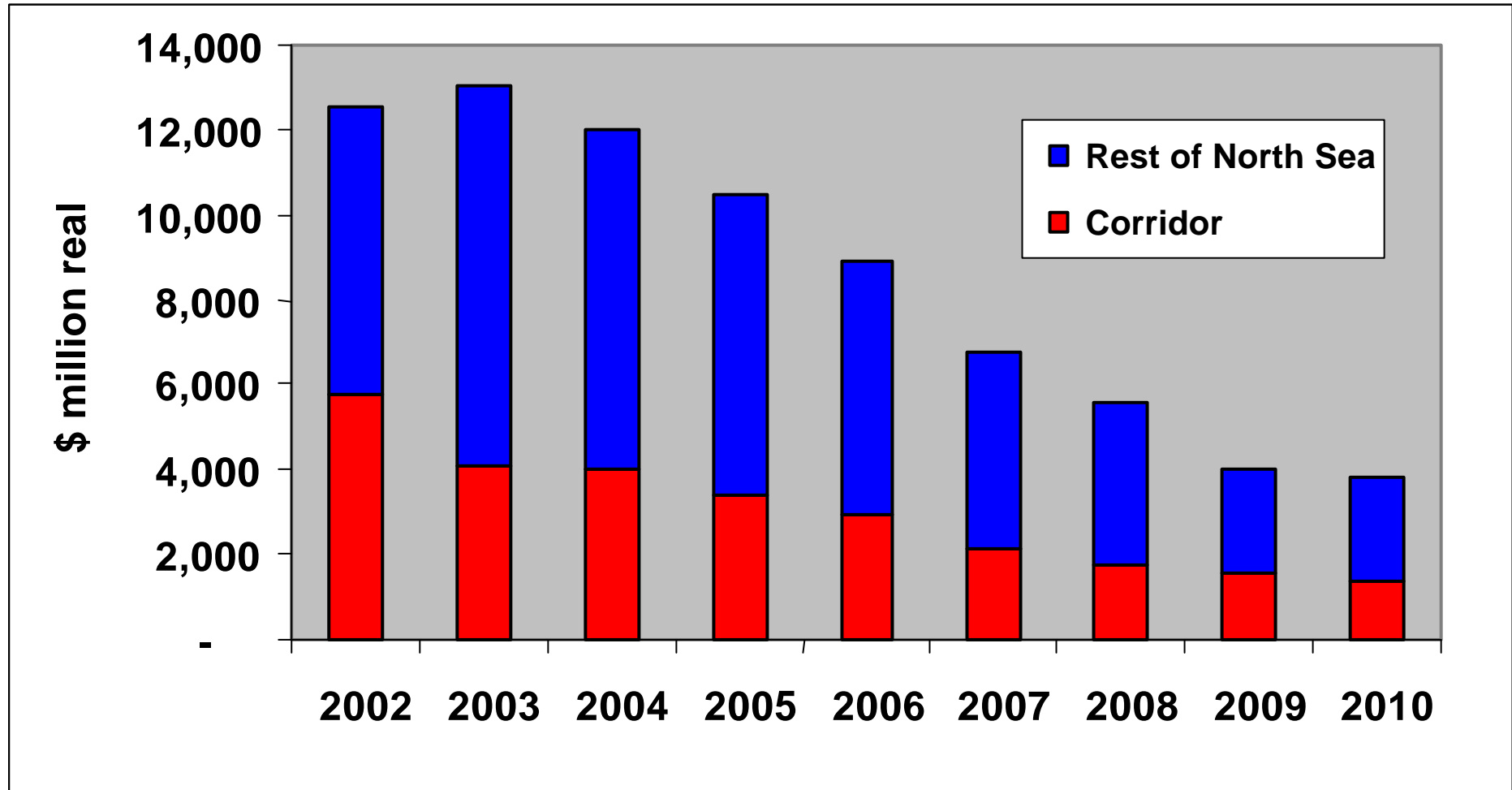
EAG analysis UK/Norway



North Sea defined as UKCS plus NOCS, roll up includes all future projects

Total Corridor capex versus North Sea

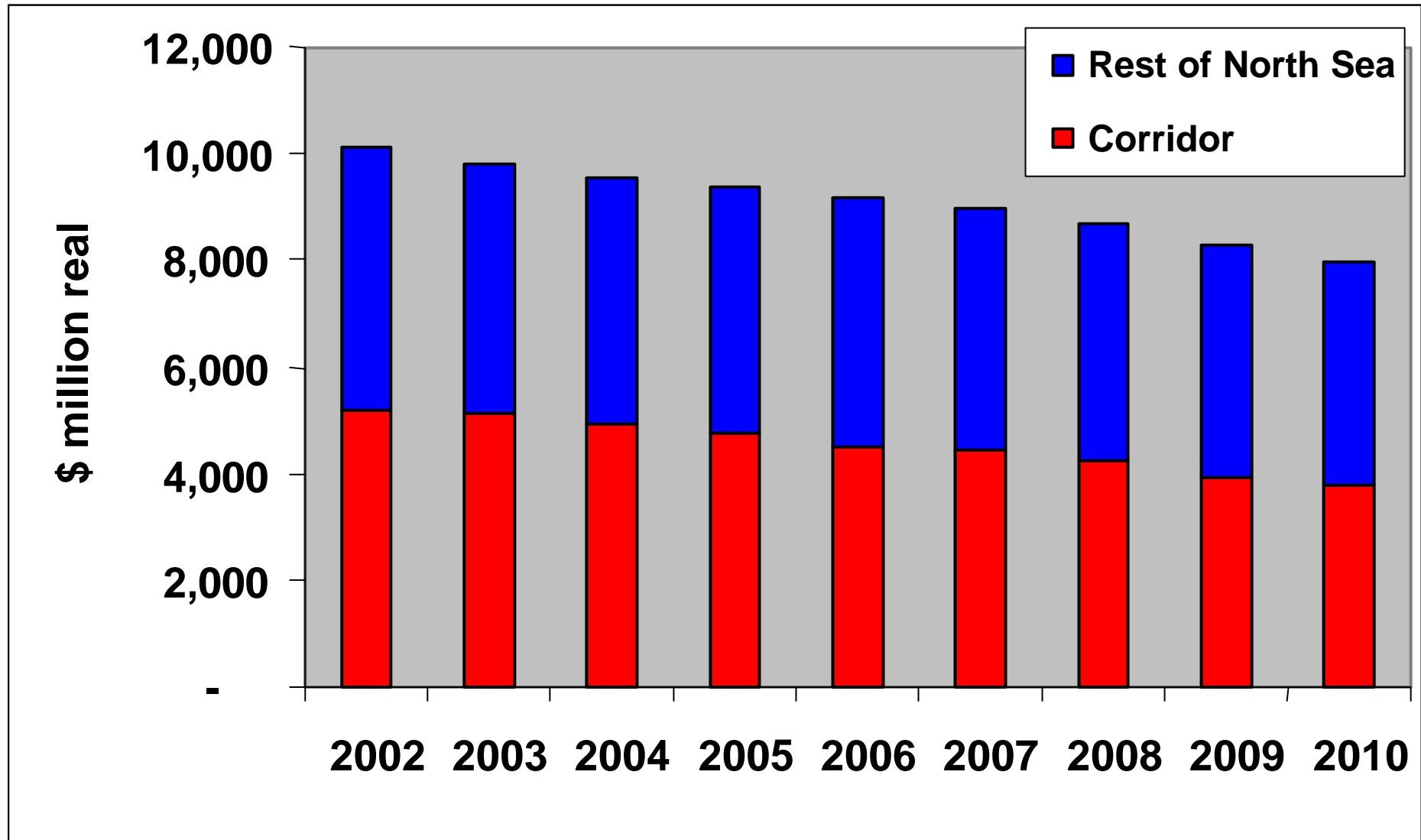
EAG analysis UK/Norway



North Sea defined as UKCS plus NOCS, roll up includes all future projects

Total Corridor Opex versus North Sea

EAG analysis UK/Norway



North Sea defined as UKCS plus NOCS, roll up includes all future projects

Aggregate data 2002-2010

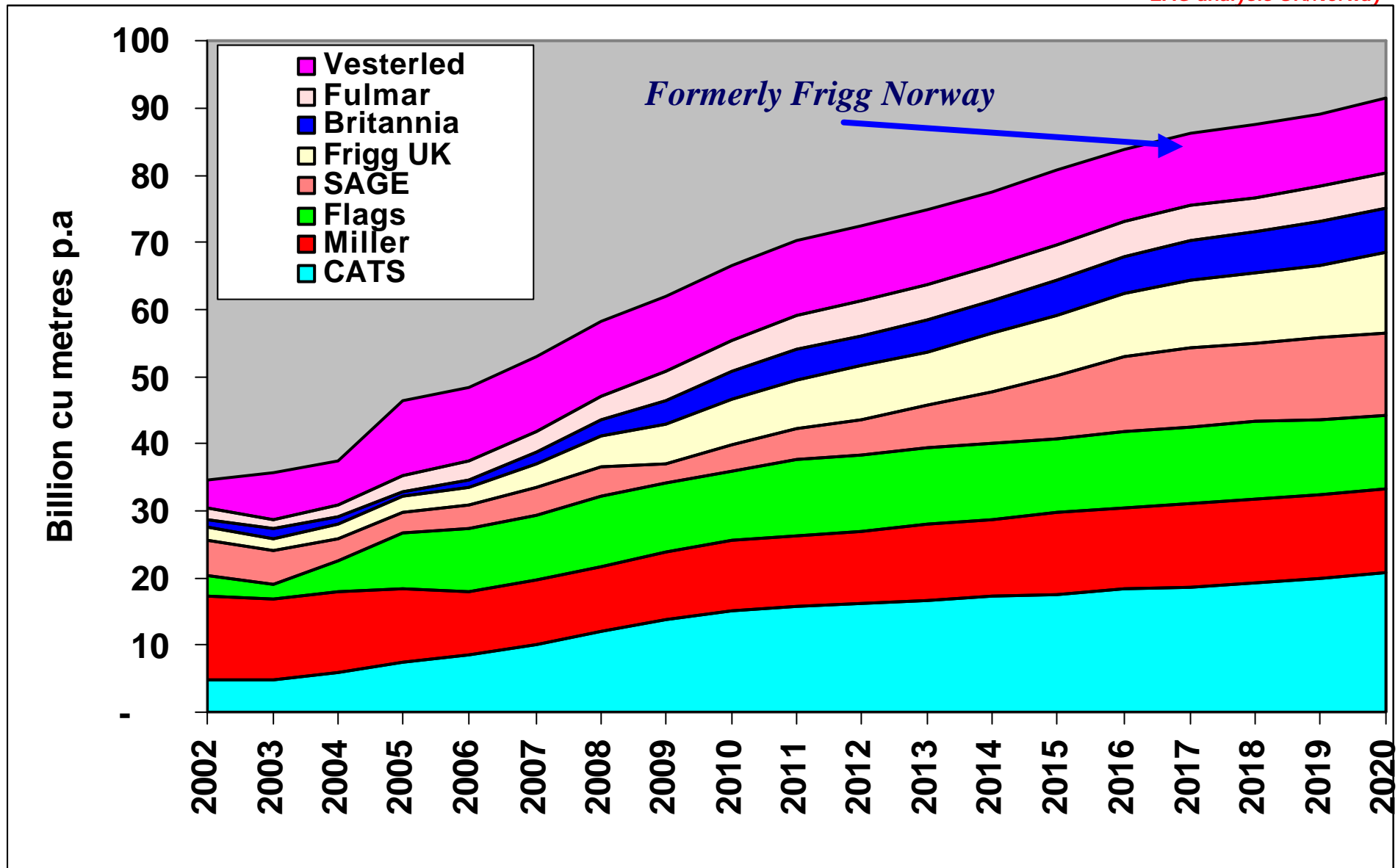
	UK	Norway	Total
<i>Production</i>			
Liquids mmbbls	3,575	4,326	7,901
Gas bcf	15,966	8,372	24,338
Total oil equiv mmboe	6,328	5,770	12,097
<i>Costs</i>			
Capex \$ mm	12,213	14,796	27,009
Removal costs \$mm	1,243	2,071	3,313
Opex \$mm	23,597	17,360	40,958

Aggregate data 2002-2020

	UK	Norway	Total
<i>Production</i>			
Liquids mmbbls	4,411	6,625	11,036
Gas bcf	22,113	12,346	34,459
Total oil equiv mmboe	8,224	8,753	16,977
<i>Costs</i>			
Capex \$ mm	12,823	19,679	32,503
Removal costs \$mm	4,237	5,113	9,349
Opex \$mm	32,670	31,448	64,118

Ullage projection :Central and Northern North sea

EAG analysis UK/Norway

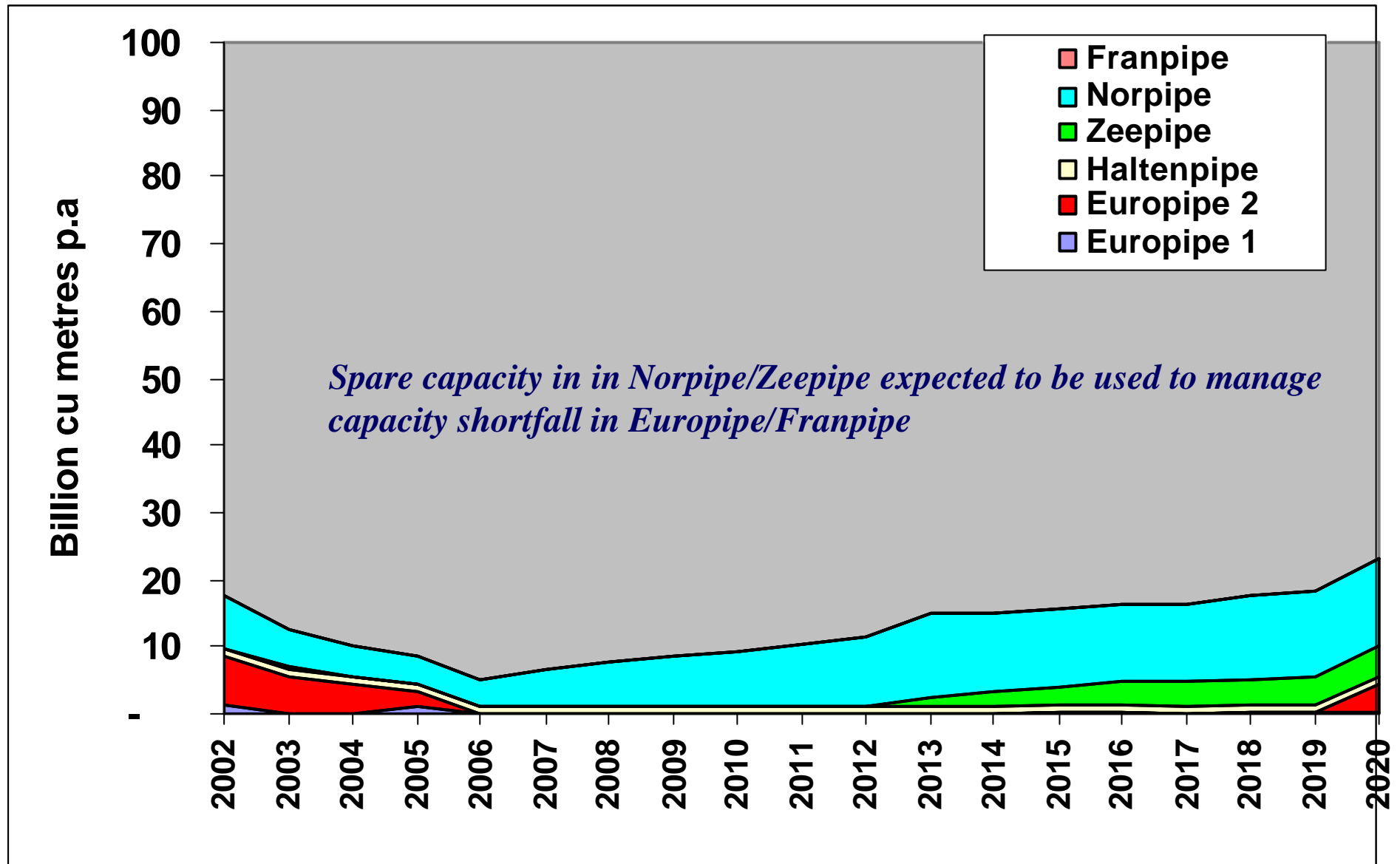


Net of potential developments.

Source : Wood Mackenzie

Spare capacity projection :Norwegian gas export

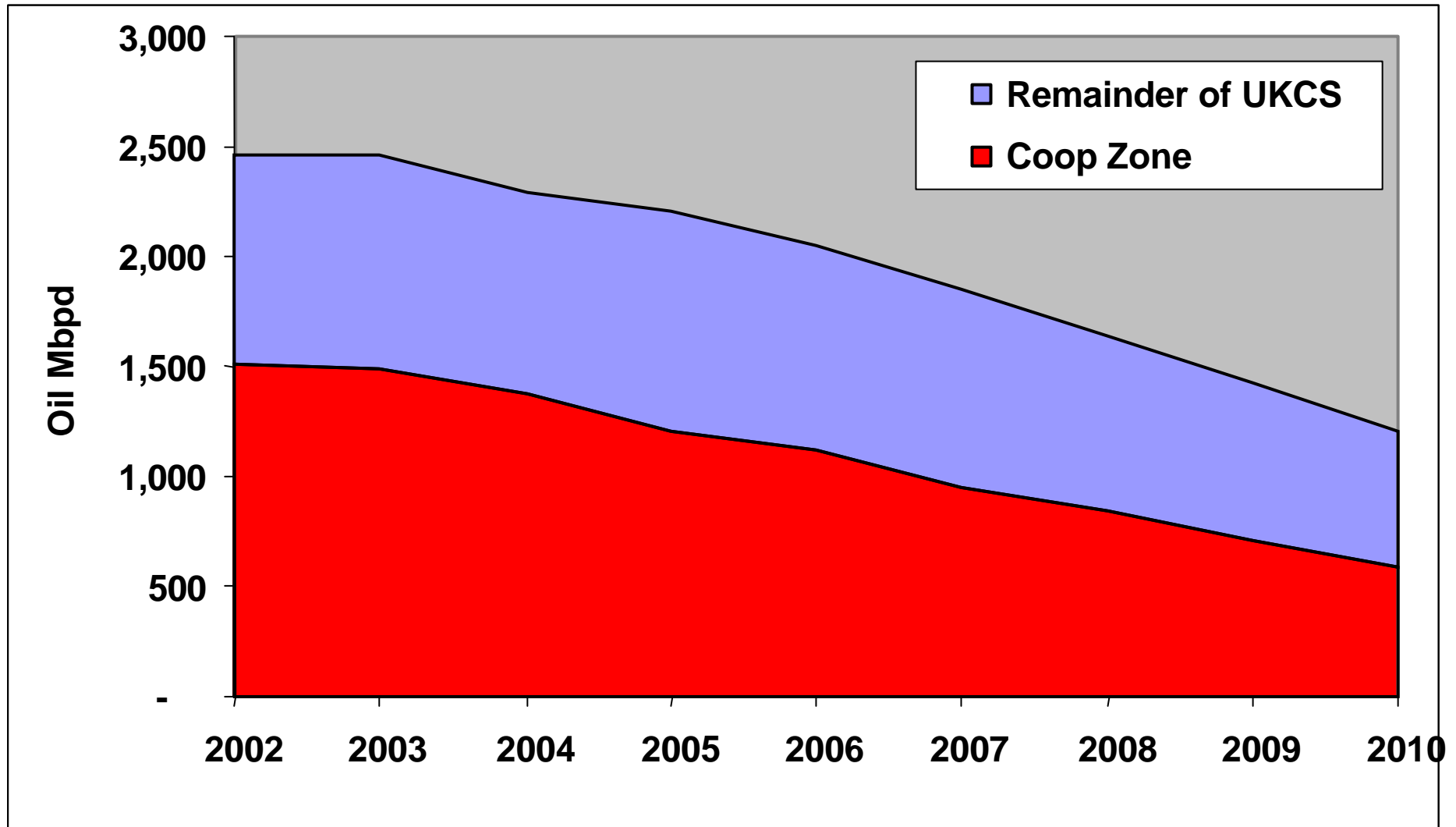
EAG analysis UK/Norway



Source: Wood Mackenzie, net of potential developments

UKCS Oil production-identified projects

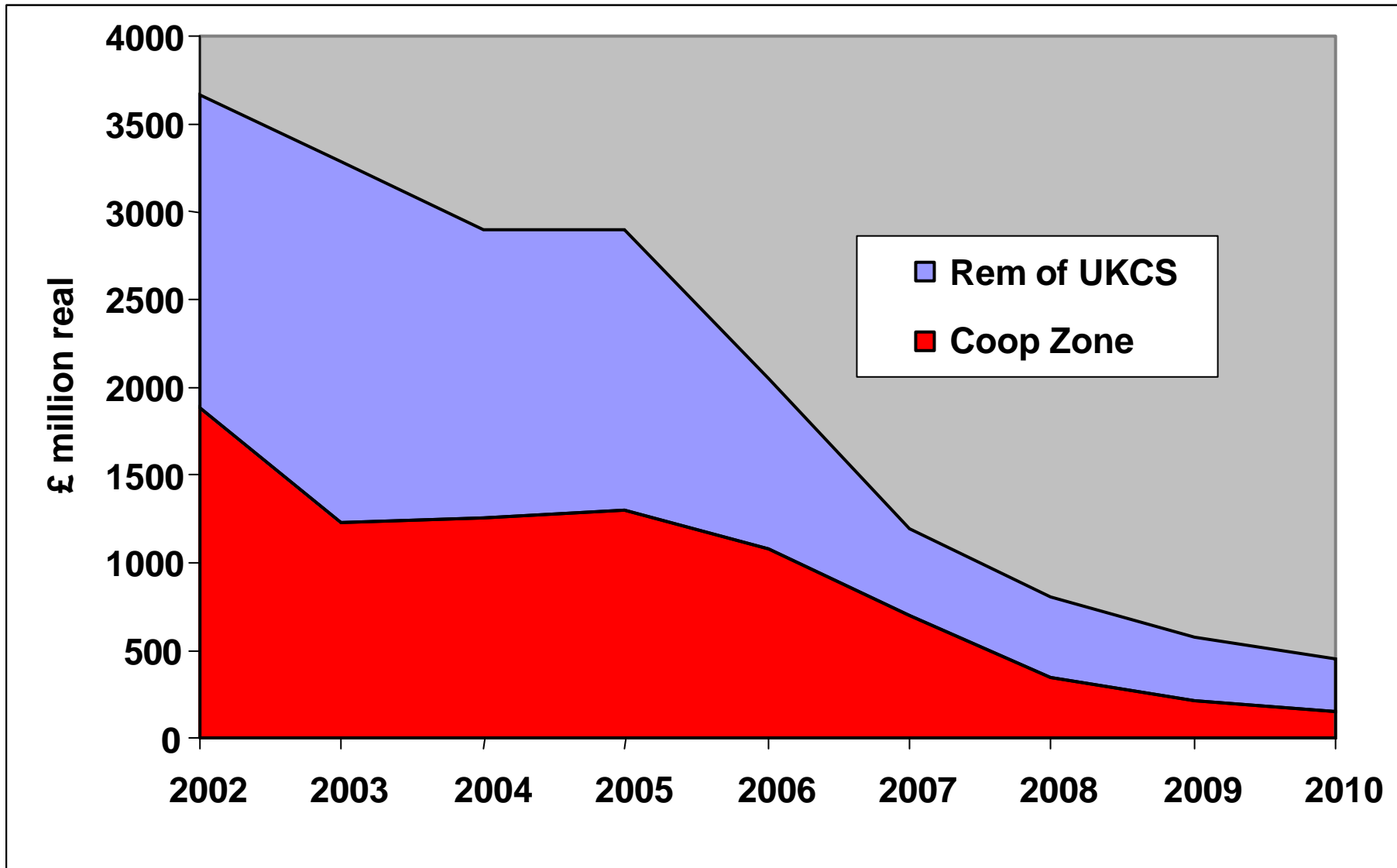
EAG analysis UK/Norway



Excludes exploration contribution

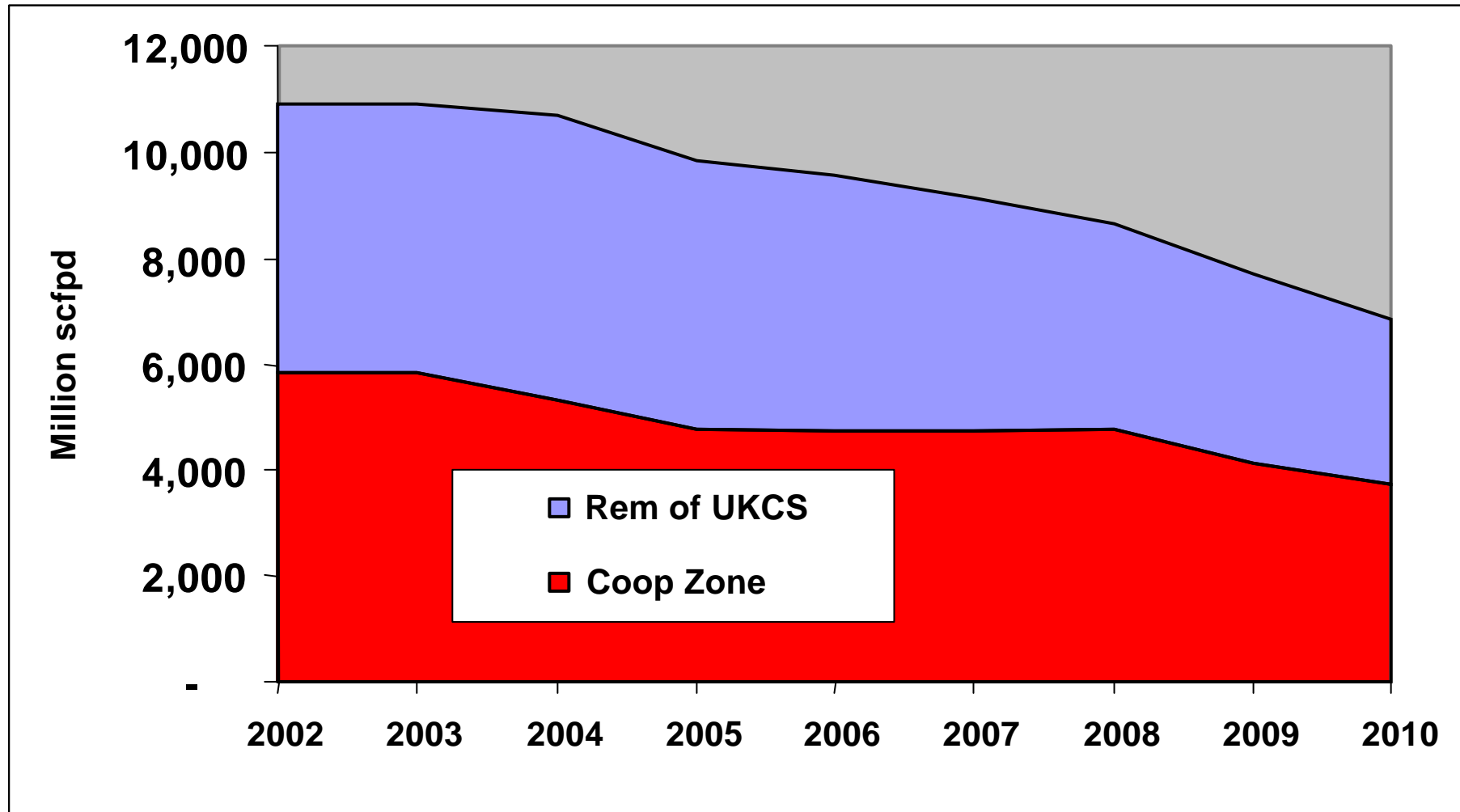
UKCS capex-identified projects

EAG analysis UK/Norway



UKCS Gas production- identified projects

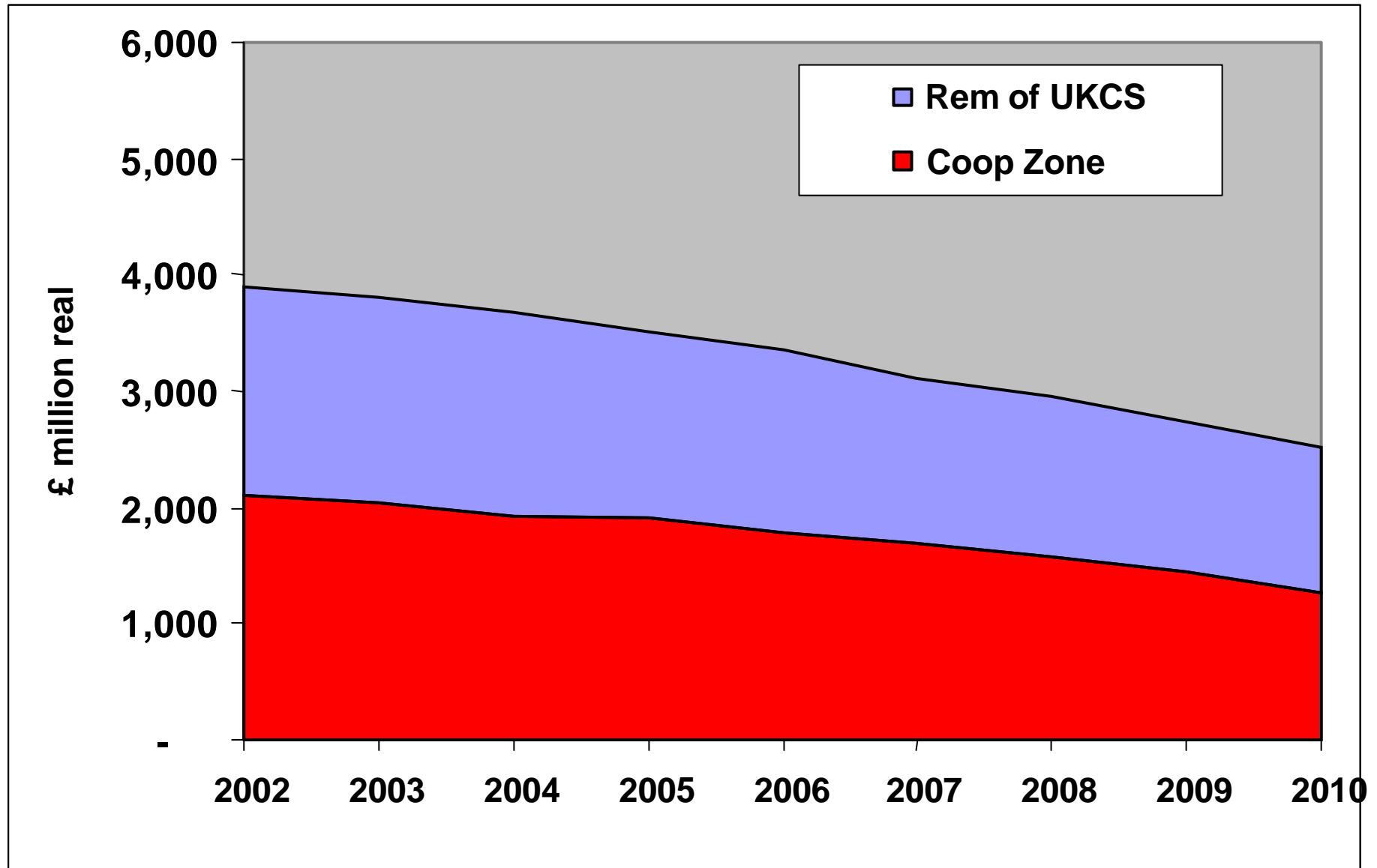
EAG analysis UK/Norway



Excludes exploration contribution

UKCS Opex- Identified projects

EAG analysis UK/Norway



UKCS removal costs

EAG analysis UK/Norway

