



Cost efficiency

Aggregation of national cost efficiency targets

Ad van der Westen, MoT NL

May 20th 2011

making the difference ...



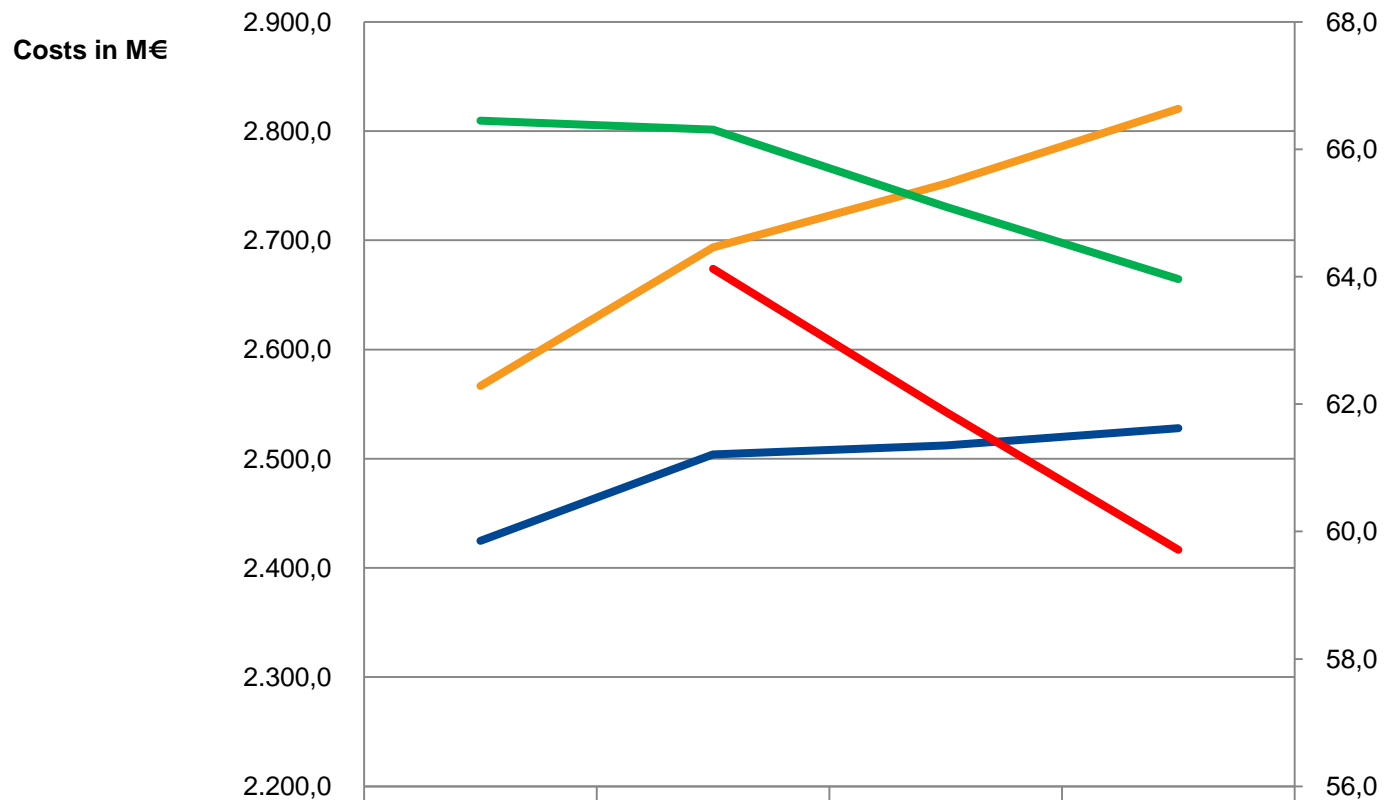
Cost efficiency: Target

- EU-wide target:
 - 3,5% per year = - 10,1% during RP1
- No FABEC cost efficiency target due to the absence of FABEC Single Unit Rate
- National Cost efficiency targets in Annexes to the FABEC Performance Plan
- Regulation 691/2010, Article 5.2(e):
Aggregated global figure demonstrating the FABEC cost efficiency effort on the basis of the national cost-efficiency targets

Costs and Unit rate development FABEC Member States

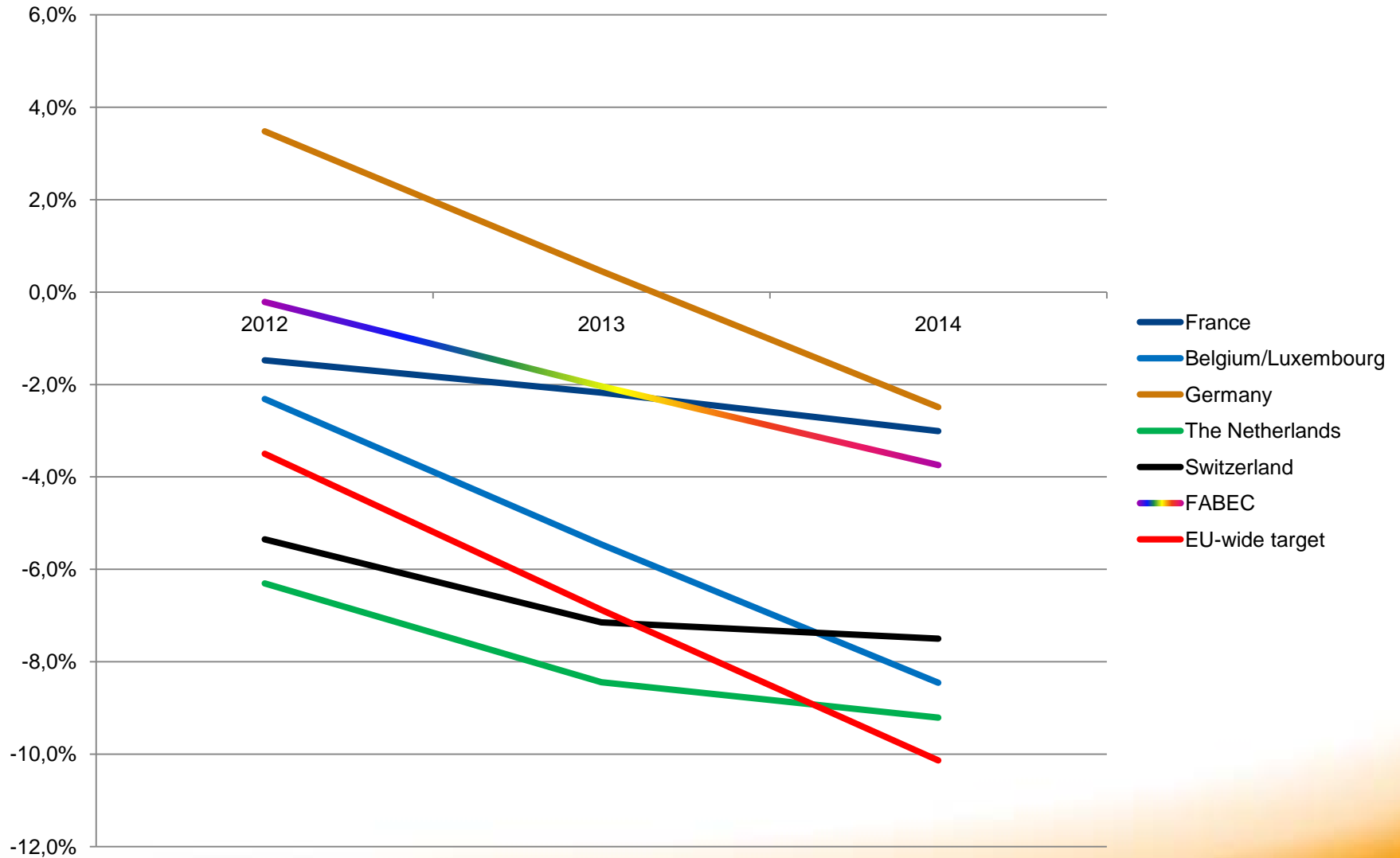


FABEC Total costs and average unit rate



	2011	2012	2013	2014
— Determined Costs Nominal (M€)	2.566,5	2.693,5	2.751,9	2.820,2
— Determined Costs in EUROS 2009 (M€)	2.424,9	2.504,0	2.512,1	2.528,0
— Determined Unit rate in € (Euro 2009)	66,5	66,3	65,1	64,0
— Determined EU-wide target		64,1	61,9	59,7

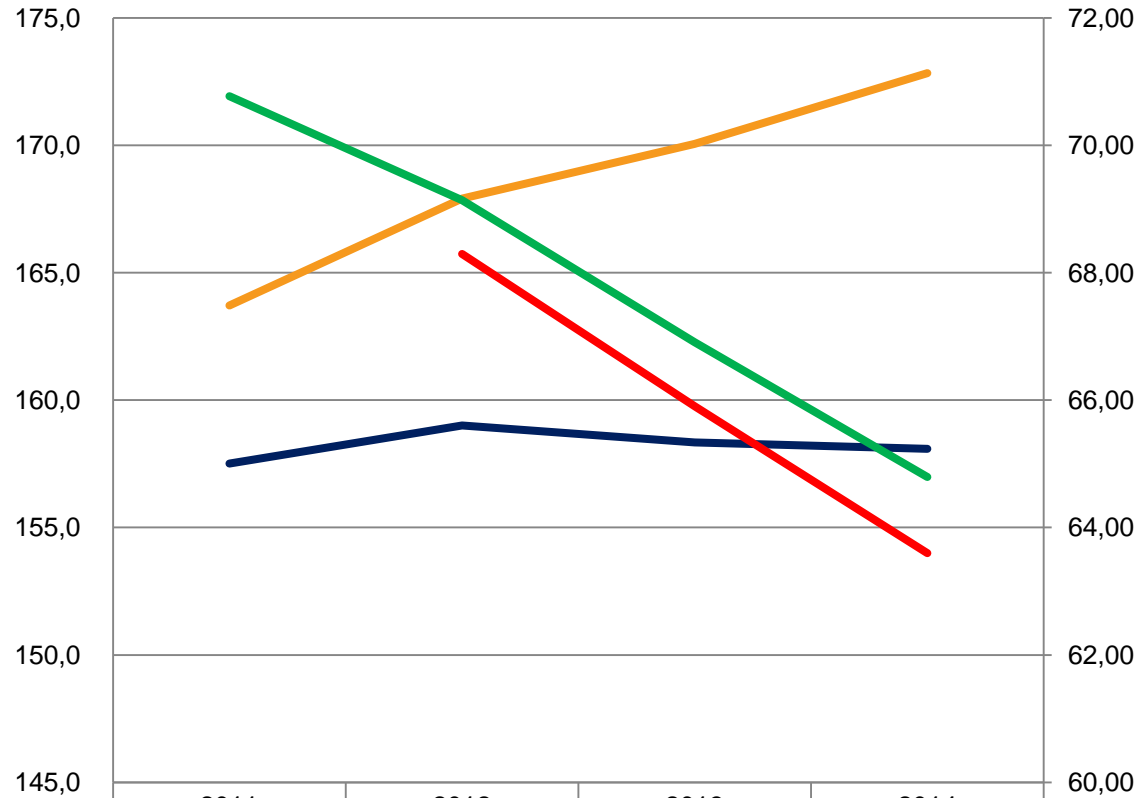
Individual member state's unit rate: cumulative change in RP1



Costs and unit rate development Belgium/Luxembourg



Costs in M€ **Belgium/Luxembourg Costs and unit rate** Unit rate



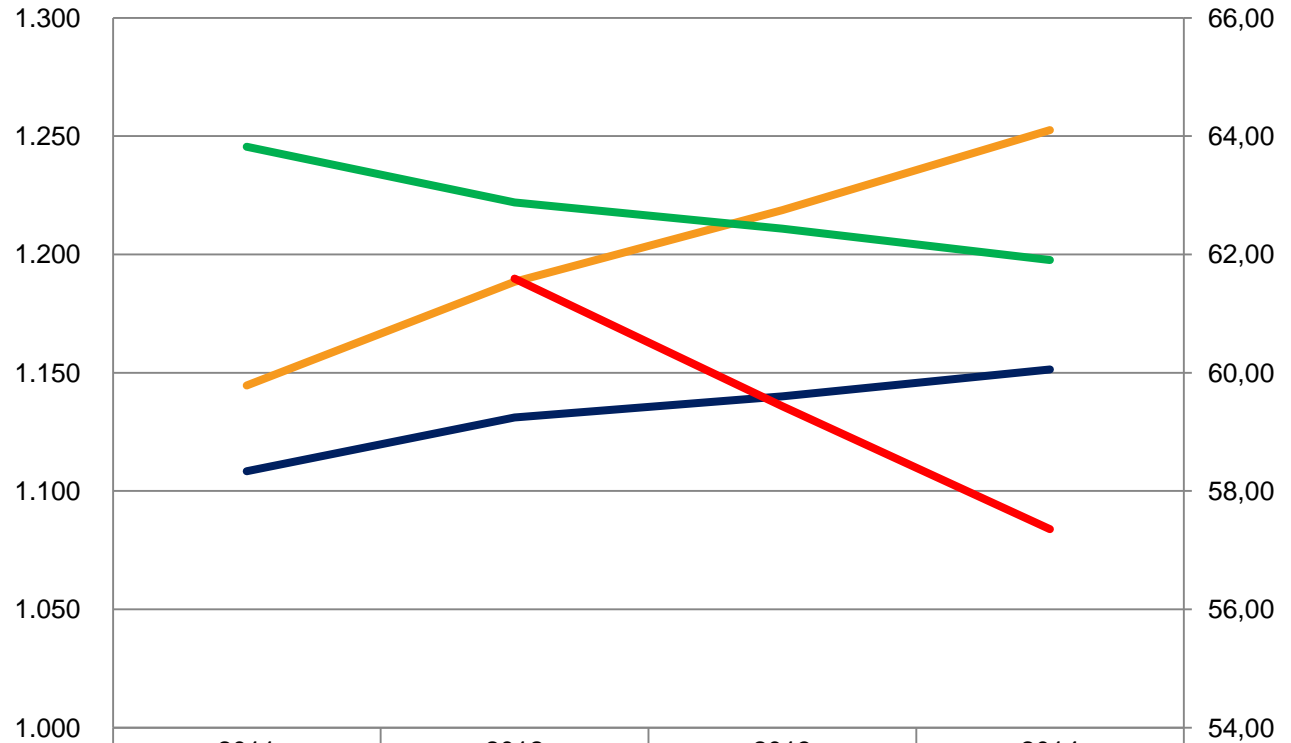
— Determined Costs Nominal (M€)	2011	2012	2013	2014
— Determined Costs in EUROS 2009 (M€)	157,5	159,0	158,3	158,1
— Determined Unit rate in € (Euro 2009)	70,77	69,14	66,91	64,79
— Determined EU-wide target		68,30	65,91	63,60

Costs and unit rate development France



Costs in M€ **France Costs and unit rate**

Unit rate



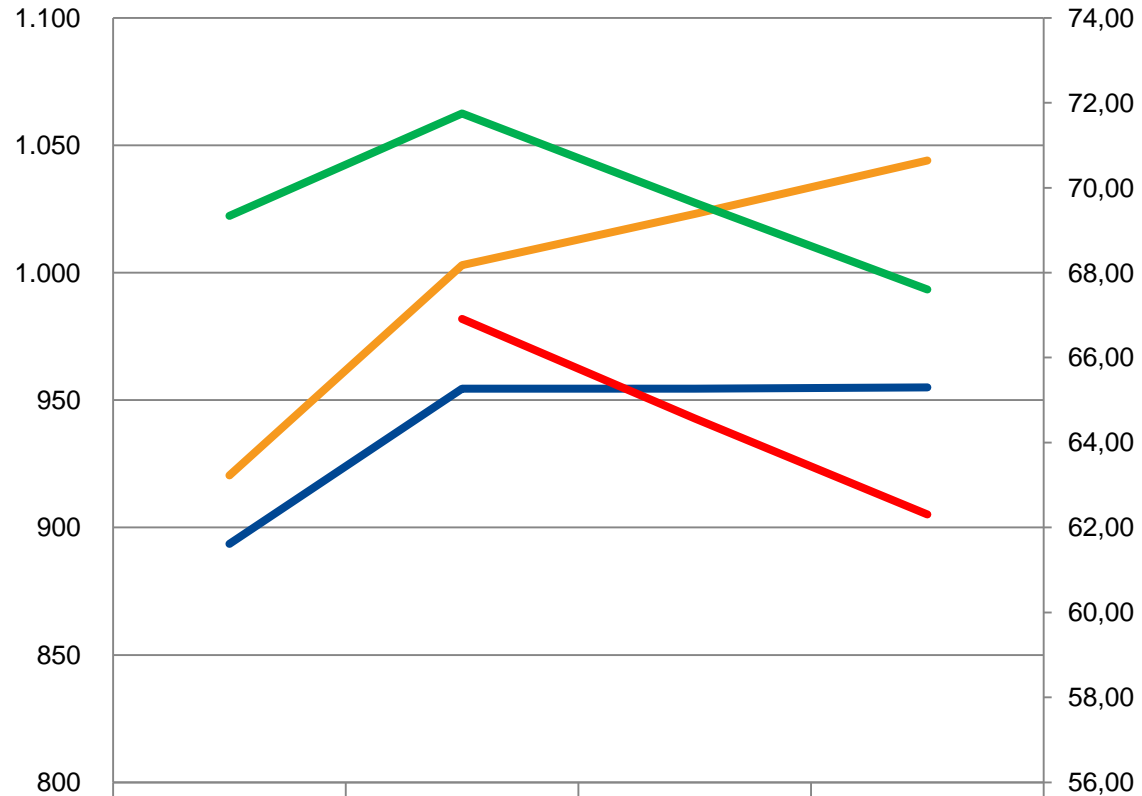
	2011	2012	2013	2014
Determined Costs Nominal (M€)	1.145	1.188	1.219	1.252
Determined Costs in EUROS 2009 (M€)	1.108	1.131	1.140	1.151
Determined Unit rate in € (Euro 2009)	63,82	62,88	62,43	61,90
Determined EU-wide target		61,59	59,43	57,35

Costs and unit rate development Germany



Germany Costs and unit rate

Costs in M€



	2011	2012	2013	2014
Determined Costs Nominal (M€)	921	1.003	1.023	1.044
Determined Costs in EUROS 2009 (M€)	894	955	954	955
Determined Unit rate in € (Euro 2009)	69,33	71,75	69,65	67,61
Determined EU-wide target		66,91	64,57	62,31

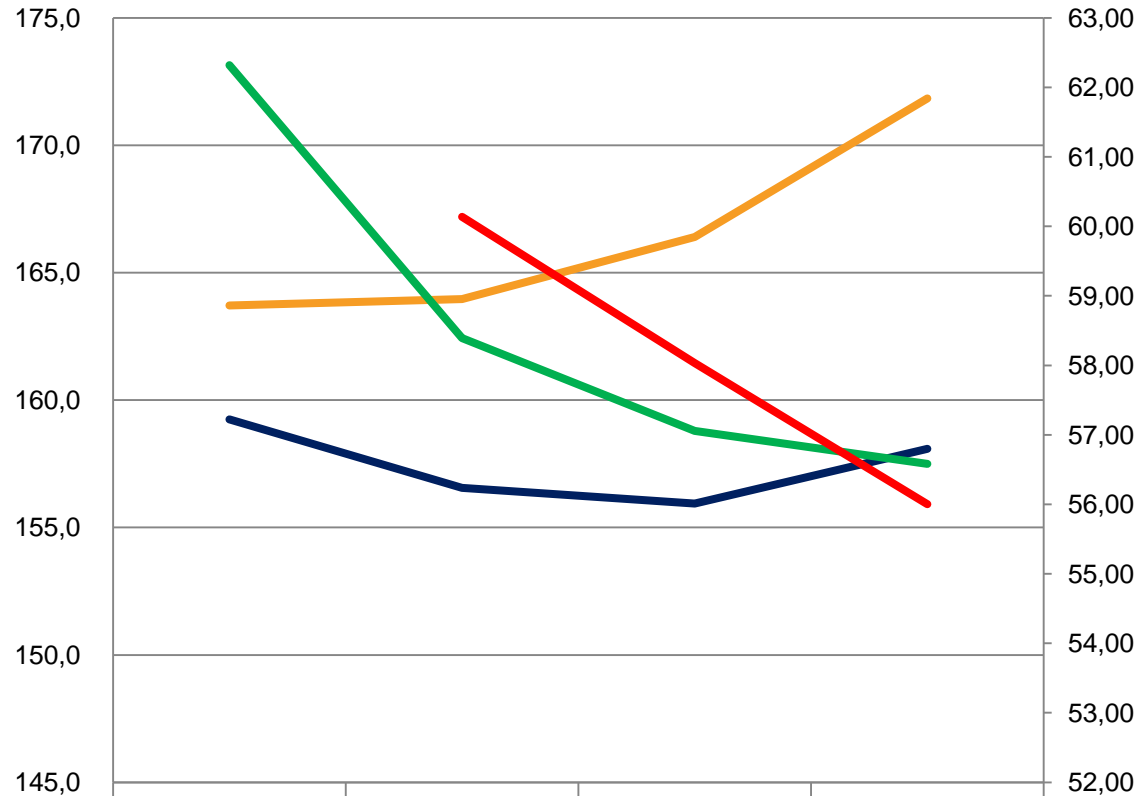
In regard of modified cost data from Eurocontrol, published on 24 May 2011, the german cost efficiency data has slightly changed.

Costs and unit rate development

The Netherlands

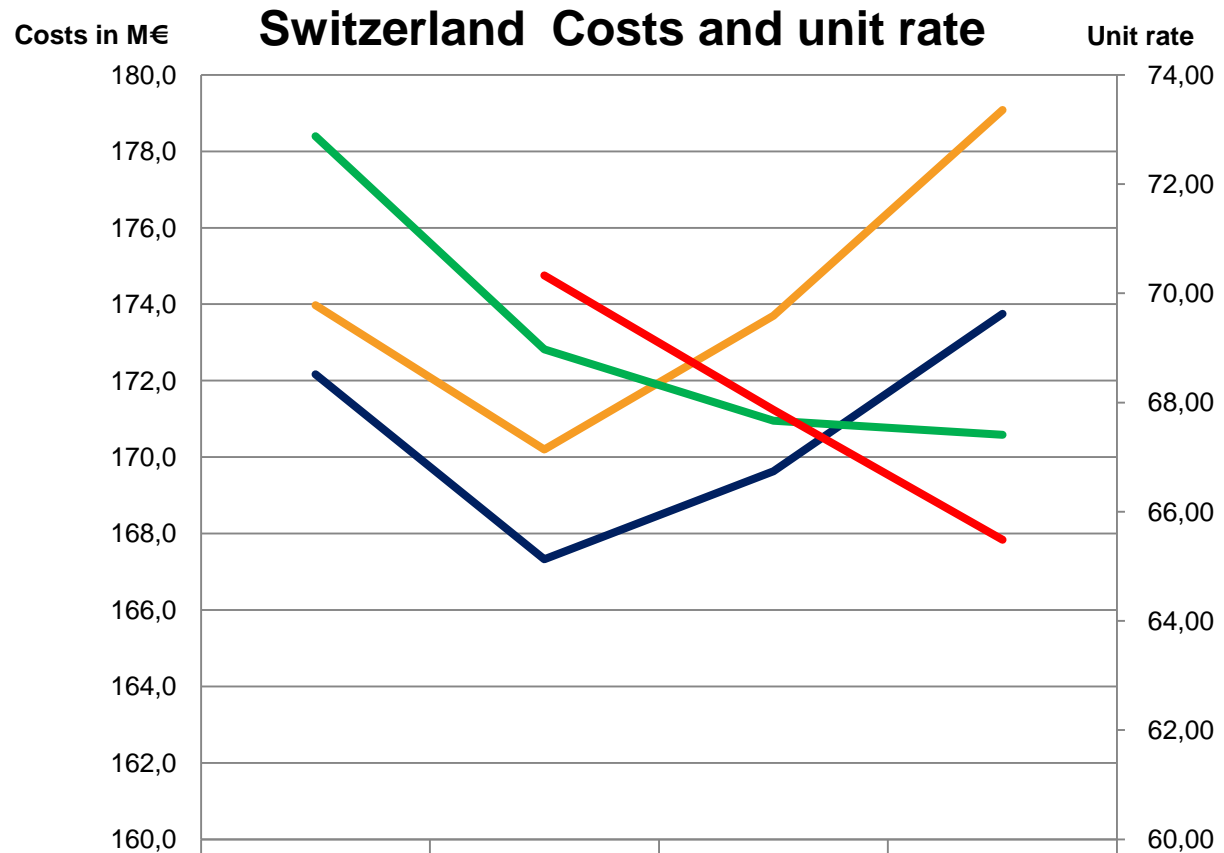


Costs in M€ **NL Costs and unit rate** Unit rate



— Determined Costs Nominal (M€)	163,7	164,0	166,4	171,8
— Determined Costs in EUROS 2009 (M€)	159,2	156,6	155,9	158,1
— Determined Unit rate in € (Euro 2009)	62,32	58,39	57,06	56,58
— Determined EU-wide target		60,14	58,03	56,00

Costs and unit rate development Switzerland



— Determined Costs Nominal (M€)	174,0	170,2	173,7	179,1
— Determined Costs in EUROS 2009 (M€)	172,2	167,3	169,6	173,7
— Determined Unit rate in € (Euro 2009)	72,88	68,98	67,67	67,41
— Determined EU-wide target		70,32	67,86	65,49

Cost efficiency development in RP1 in FABEC area

data updated in April/May 2011

- Increase in forecasted # total service units: + 8,3%
- Increase in planned determined costs (Euros 2009): + 4,2%
- Combined effect of changes in costs and # SUs:
Decrease in targeted aggregated determined en route unit
rate: - 3,7%

FABEC Cost efficiency indicators FABEC

Performance indicators (only for monitoring purposes)

- Determined en route cost/revenue:
agreed maximum amount of costs per year during RP1
- Total en route cost per flight hour (only actual data):
en route costs divided by number of flight hours
- Total economic cost per flight hour, per SU or per KM
charged distance (only actual data):
Charges + delay costs + flight inefficiency costs
- Determined terminal air navigation services unit rates:
To be used as KPI from RP2 onwards