






Ministry of the Environment of the Czech Republic



Contribution of the GIS to low carbon development in the Czech Republic

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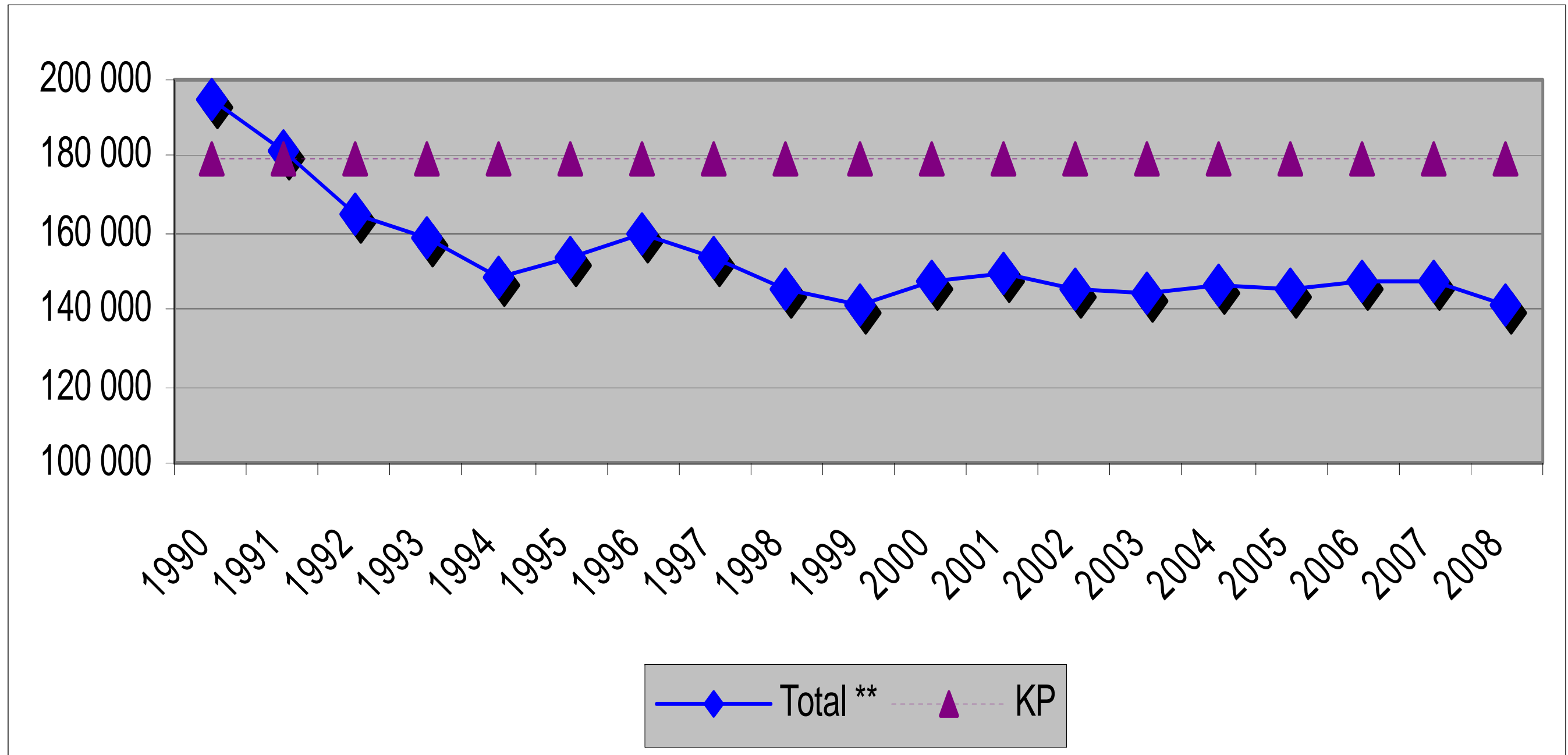
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CZ GHG emission trajectory



GIS - Legal and Policy Framework

14 November 2007 – Czech Government made decision about the further GIS implementation steps

24 February 2008 – Czech Republic is fully eligible to AAUs sales under the Kyoto Protocol

1 September 2008 - amendment of law No. 695/2004 Coll. came into force: revenues from selling AAUs are the income of the State Environmental Fund and should be used for additional GHG emissions reductions

1 December 2008 – adaption of updated conception of credit selling in IET/GIS in CR



List of AAUPAs

Expected emissions surplus	approx. 150 000 000 AAUs	2008-2012
International Emissions Trading	approx. 100 000 000 AAUs	2008-2012

Buyer	Volume (AAUs)	Enter into force
NEDO	40 000 000	1.4.2009
Mitsui & Co., Ltd.	20 000 000	30.9.2009
	2 500 000	12.3.2010
	2 000 000	28.4.2010
Spain	5 000 000	12.10.2009
Austria	3 500 000	13.10.2009
IBRD	2 000 000	30.6.2010
Total	75 000 000	5th August 2010



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Areas of subsidy - GIS PROGRAM

A Energy savings (thermal insulation)

A.1 complex insulation, A.2 partial insulation

B Constructions in passive standard

C RES use for hot water preparation and additional heating

C.1 Heat source exchange (biomass boilers and heat pumps)

C.2 New installations of heat sources (biomass boilers and heat pumps)

C.3 Solar systems (hot water preparation,
hot water preparation + additional heating)

D *Subsidy bonus (combinations: A1/A2+C1, A1/A2+C3, B+C3, C2+C3)*



Before and After



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Green light for savings - Important milestones

Programme duration	1. 4. 2009 – „31. 12. 2012“
Announcement of the Programme	7. 4. 2009
Applications accepted since	22. 4. 2009
Subsidy payment until	„31.12.2012“
Entry into effect of new rules of the Programme	17. 8. 2009
Integration of prefabricated block of flats since (measure A1)	1. 9. 2009
Promotion of energy savings in non-business carrying sector, support of project documentation	10.6.2010 (NEDO) (amendment of AAUPA)

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Main Features of the programme



- ❖ Limited linking with EU ETS sector
- ❖ No overlap with EU funds or another governmental subsidies and programs
- ❖ No overlap with feed-in tariff system
- ❖ Compliance with State Aid and Competitiveness Rules



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Organizations involved in the programme



- ❖ **Ministry of the Environment:** umbrella organisation (announced the Programme, determines the Programme conditions)
- ❖ **State Environmental Fund (SEF):** main administrator (administrates the information system of the Programme, prepares the background documents for the approval process, is in charge of the project inspections - at least 5 % of the projects)
- ❖ **Regional offices of SEF, selected banks:** main contact points for applicants (accept and assess the applications)
- ❖ **Auditing and Verification** Deloitte Advisory resp. DetNorske Veritas

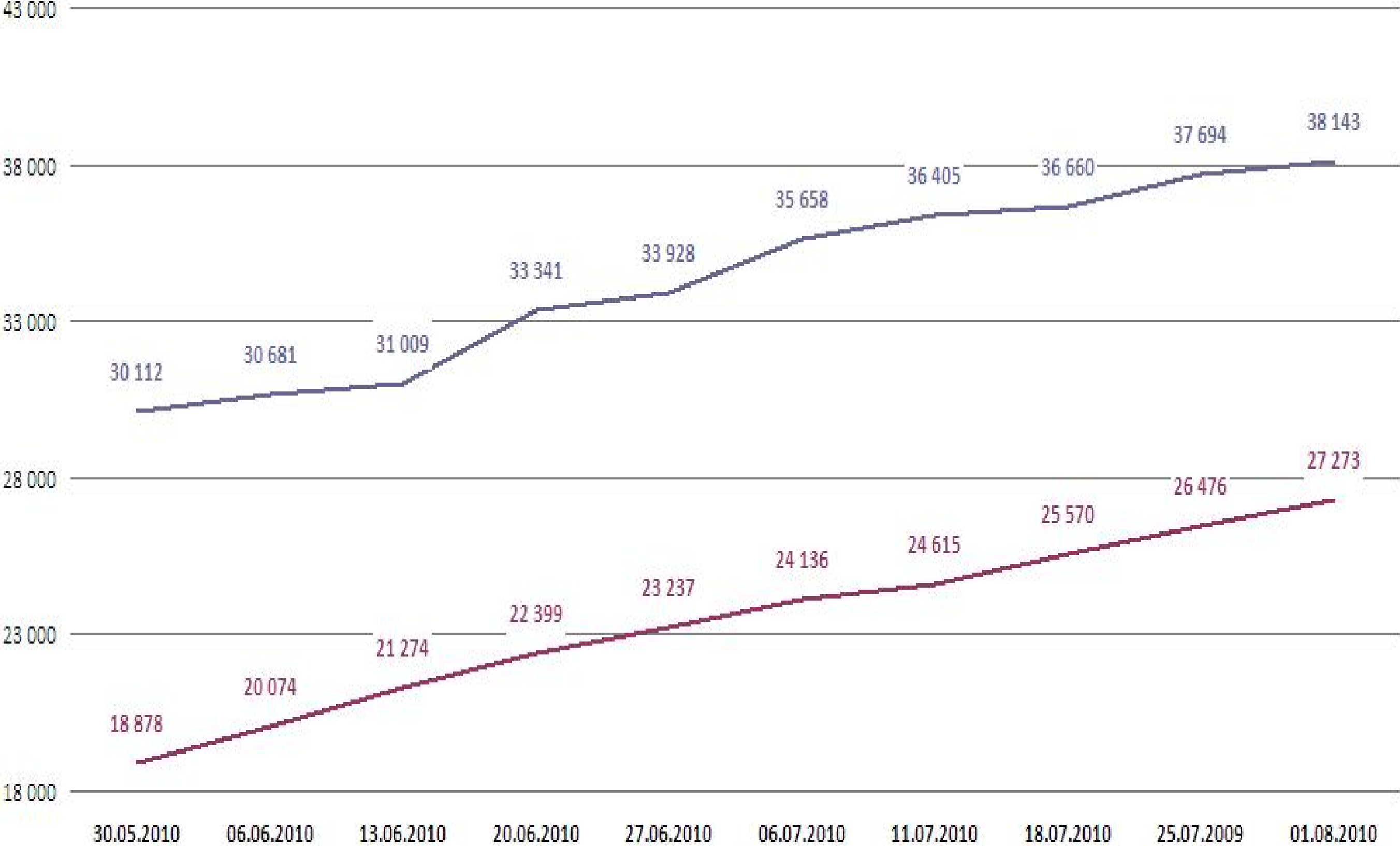
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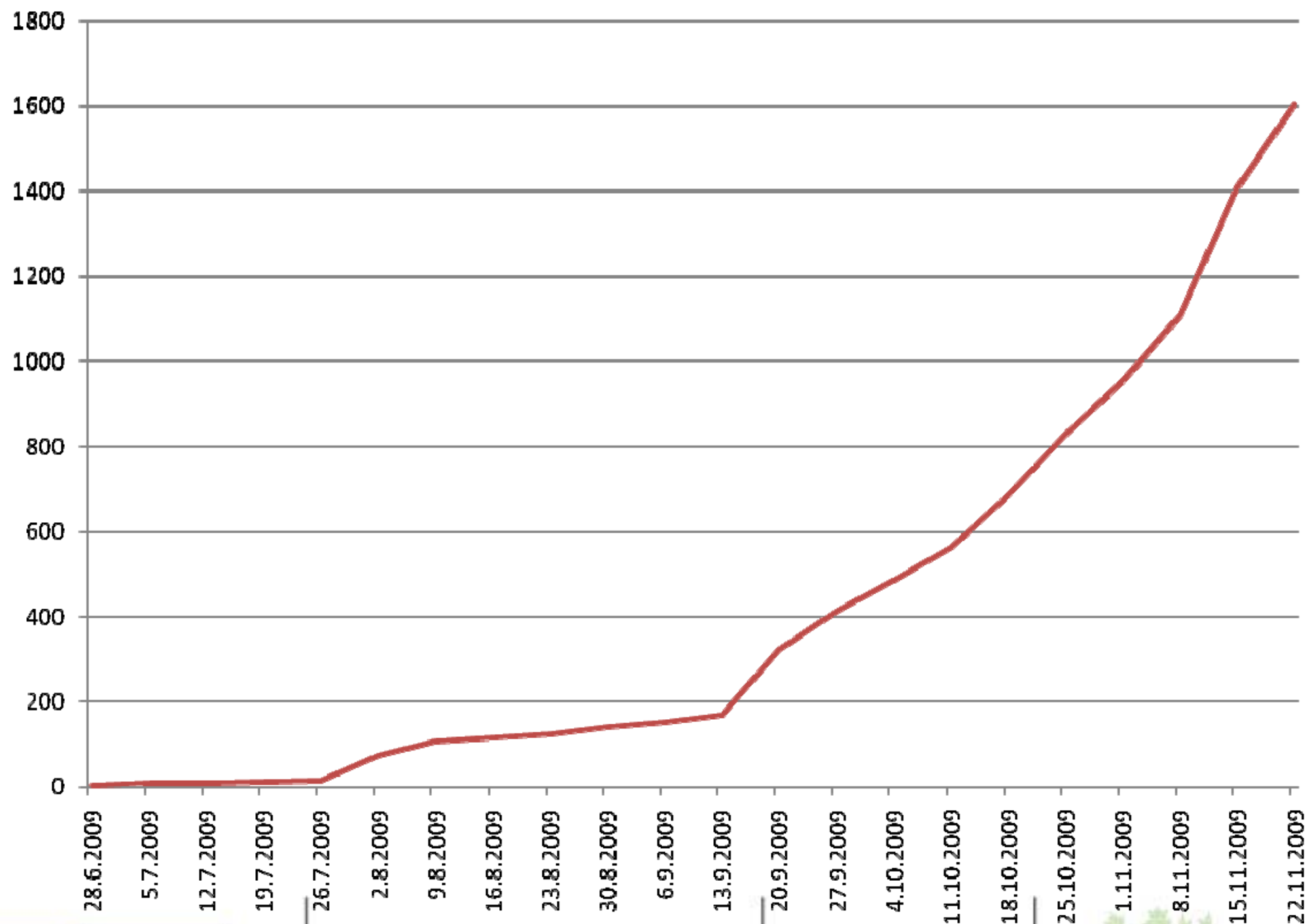


Number of Applicants



Number of applications	
Registered before	total
28.6.2009	3
5.7.2009	8
12.7.2009	10
19.7.2009	13
26.7.2009	16
2.8.2009	74
9.8.2009	106
16.8.2009	116
23.8.2009	123
30.8.2009	141
6.9.2009	151
13.9.2009	170
20.9.2009	322
27.9.2009	414
4.10.2009	485
11.10.2009	564
18.10.2009	686
25.10.2009	831
1.11.2009	954
8.11.2009	1109
15.11.2009	1408
22.11.2009	1603

Statistics – progress of the Programme in 2009



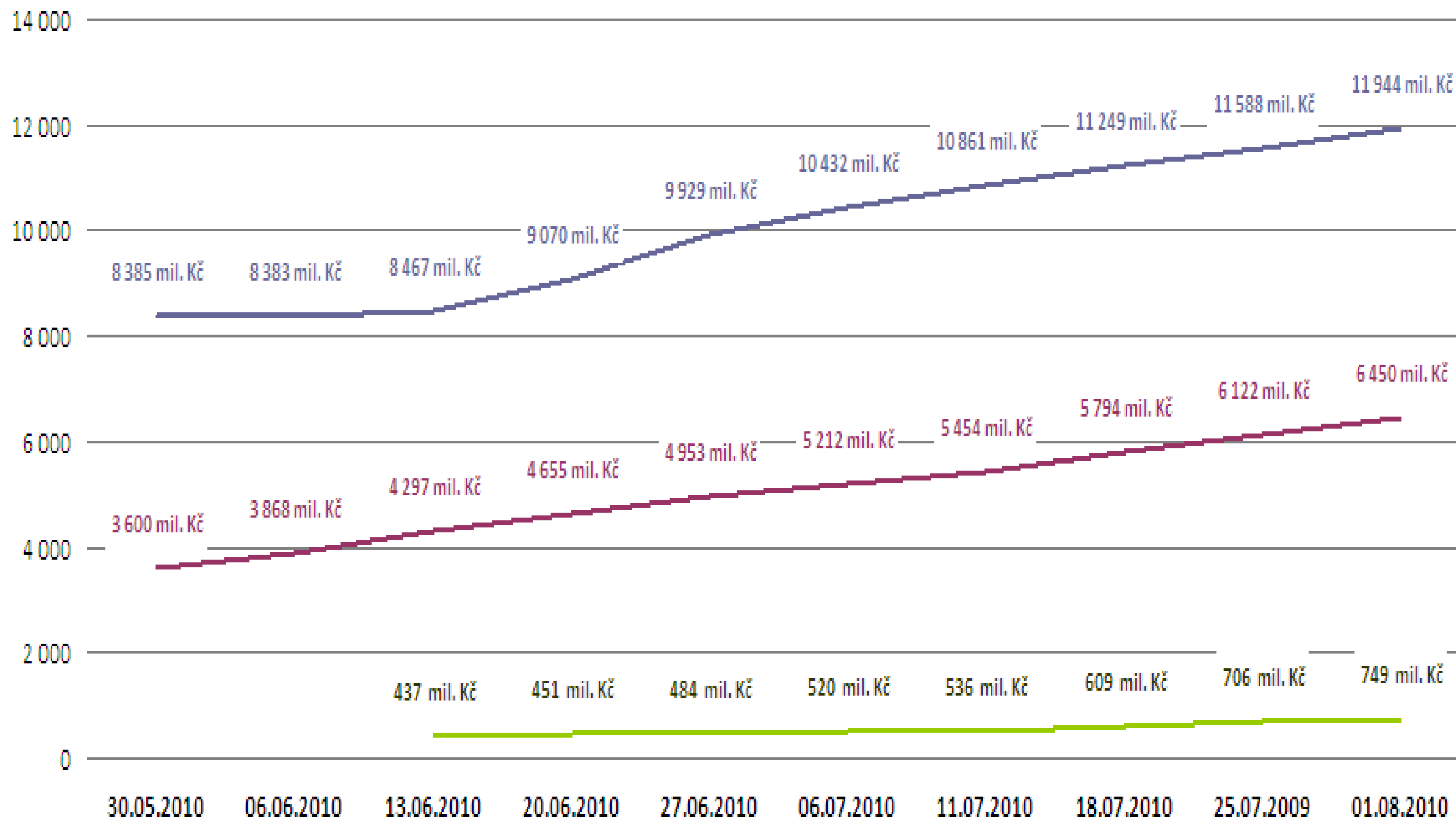
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Investment Subsidy Volume (mil. Kč)



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Estimated benefits of the program

- ✓ Reduction of CO₂ :
 - 1.100.000 t / year (compare 2013 / 2008)
- ✓ Reduction of local dust pollution:
 - 2.200 t / year (compare 2013 /2008)
- ✓ Energy savings in heating:
 - 6.3 PJ
- ✓ Increase in heat generation from RES:
 - + 3.7 PJ
- ✓ creation or maintaing of 30 000 jobs, limiting the energy import dependence, reduction of emissions of other local pollutants (SO₂, NO_x)



Thank you!



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