

TAIEX Workshop INFRA 30191

**Credibility of EMAS for regulators under the
Italian system:**

**advantages of an EMAS registered
organization for regulatory relief under IPPC
legislation**

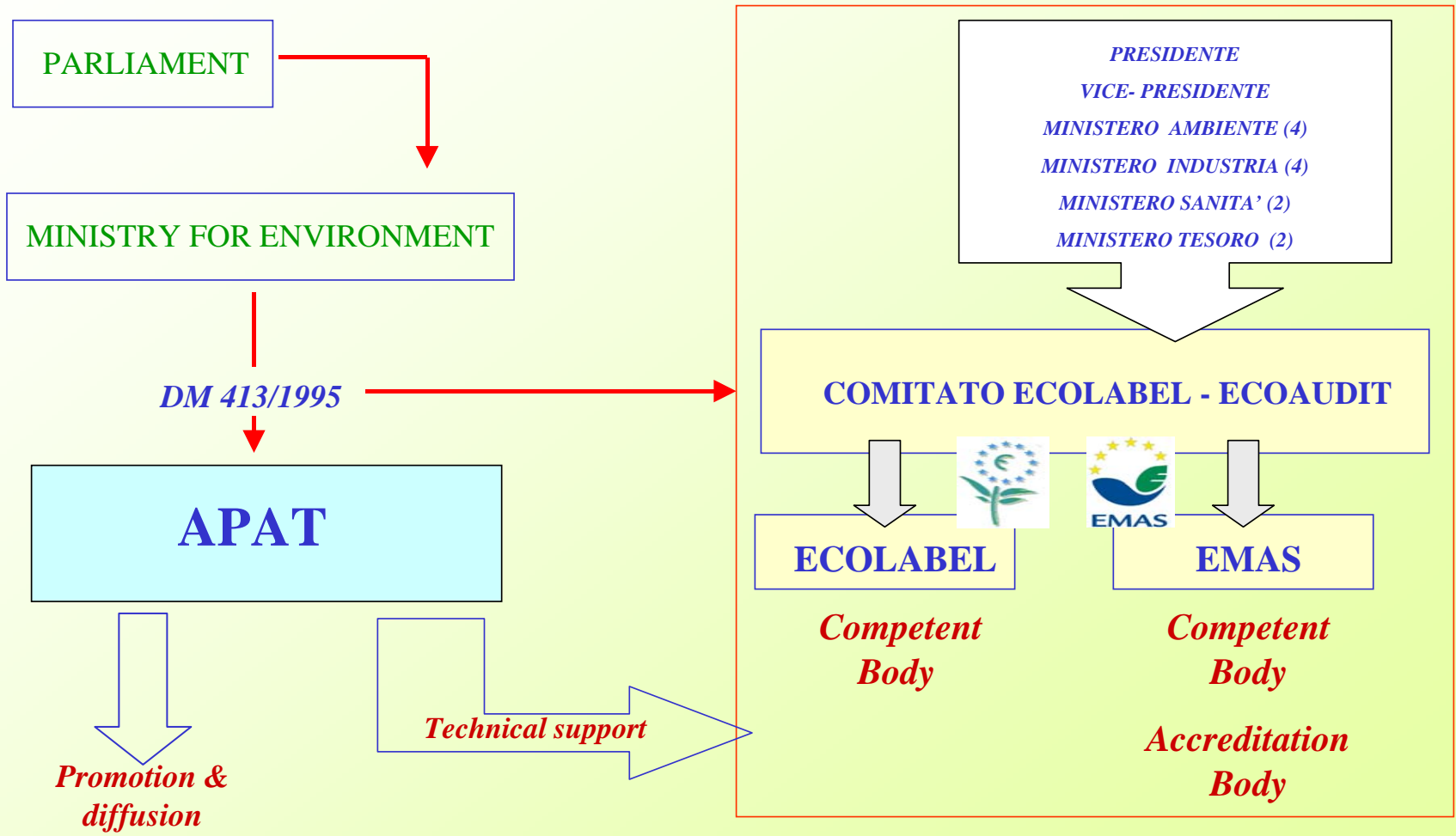
Bucharest, June 25-26, 2008

Mr Bertrand Capra APAT - Accreditation Unit

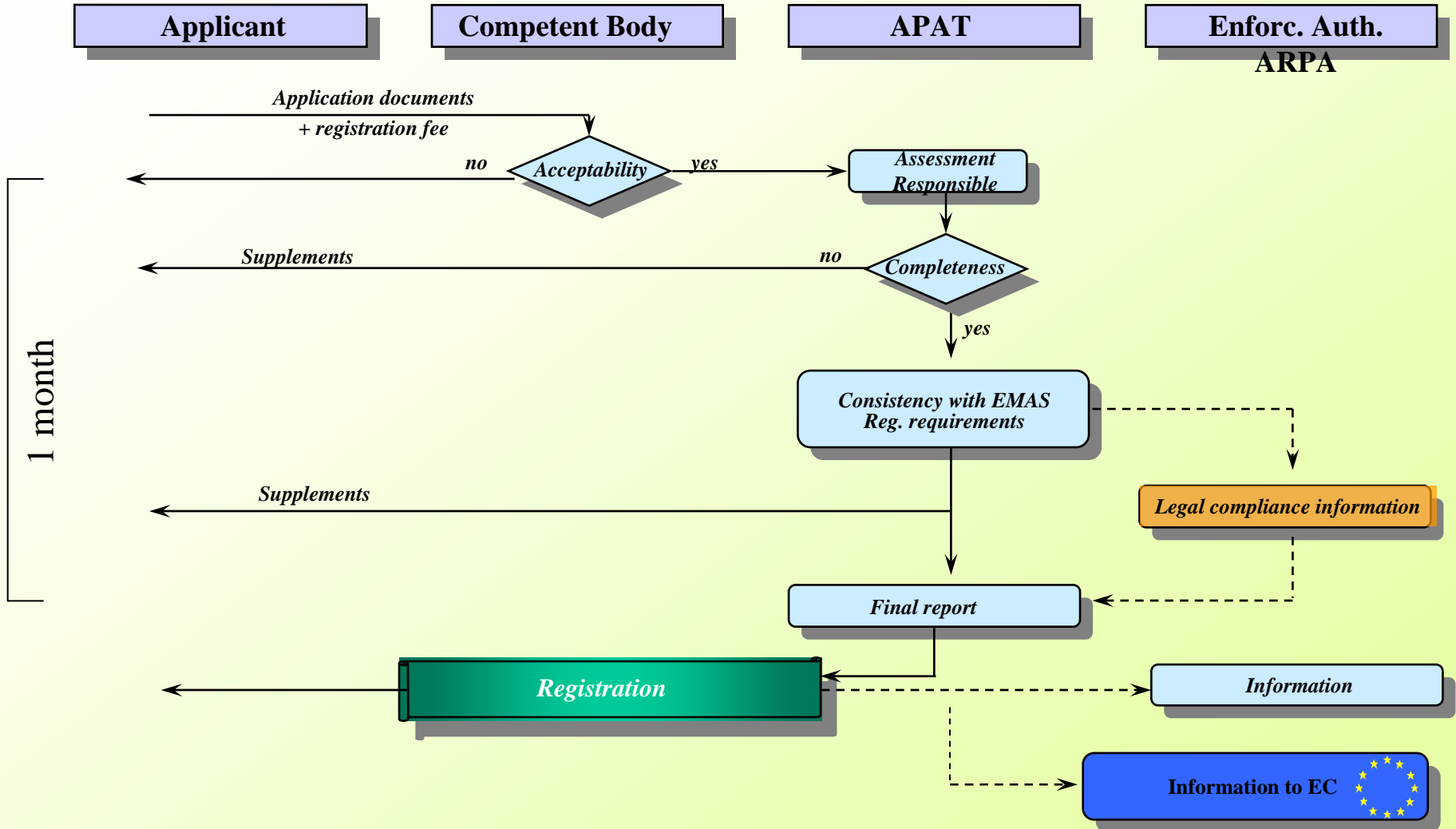
Mrs Rossella Gafà APAT - EMAS Unit

1. The EMAS scheme in Italy
2. Advantages - general aspects
3. Advantages - the case of IPPC regulation
4. Conclusions

ITALIAN SCHEME FOR ECOLABEL AND ECOAUDIT EUROPEAN REGULATIONS 1980/00 AND 761/01



EMAS REGISTRATION PROCEDURE



APAT



Request of an information concerning applicant org. L.C.

ARPA

Regional Enforcement authorities for environment protection

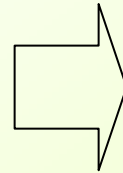
According to APAT-ARPA Procedure and guidelines, Enf. Auth. provides the information as a result of:

- a check of applicant organization env. permits for air and water emissions, waste management, soil, noise and any other applicable env. legal requirement
- findings of the inspection at the applicant organization site (s)

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ADVANTAGES – GENERAL ASPECTS

Application of EMAS scheme
in Italy ensures credibility of
the whole process



Advantages

Simplifications related to env. permits

- National
- Regional

Economic benefits

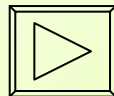
- National
- Regional

ADVANTAGES – GENERAL ASPECTS

1. Simplifications related to env. permits

✓ National law 93/2001 "Measure on environmental field" allows a company under EMAS to renew some important env. permits by submitting a self-declaration to Competent Authorities. In ex.:

- waste water discharge permit
- emission to air permit
- waste management permit
- IPPC authorization



ADVANTAGES – GENERAL ASPECTS

2. Economic benefits

- ✓ In National legislative decree 152/2006 “the environmental code”, the regulator has set some economic benefits such as reduction of financial guarantees (-50%) for waste management companies under EMAS
- ✓ Regional law of Tuscany 71/2004 reduces local taxes on productive activities (IRAP) from 4.25 to 3.50% for EMAS organizations for years 2005-2007

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ADVANTAGES – IPPC ORGANIZATIONS

1. Simplifications related to IPPC permit

- ✓ National leg. decree 59/2005 (transposes IPPC EC directive)



Data and documentation generated for EMS can be used for the application for IPPC authorization

EMAS registered companies have to renew their IPPC permit every 8 years instead of 5

- ✓ Ref. to slide # 8 for renewal



ADVANTAGES – IPPC ORGANIZATIONS

Concerning the possibility to use EMS data and documentation (slide # 11) to apply for IPPC permit, APAT has prepared a guide for applicant organizations.

Form to be filled:

Form A: general information about the plant

Form B: specific info/data related to the plant

Form C (only for existing plant): description of the features of the plant to be authorized (if modifications are required/form B)

Form D: identification and quantification of env. aspects related to emissions/consumptions of the installation and subsequent choice of technical solution (BAT)

Form E: management of env. aspects and monitoring plan

Form A: general information

	Refer to...	EMAS Reference
A1. Identification of the plant	Info contained in EMAS Env. Statement and/or environmental review	Reg. 761/01 Annex III Par. 3.2 point a) "clear description of the org. registering under EMAS and a summary of its activities and services..." Annex VII
A3. Information about IPPC/non IPPC activities of plant	idem	idem
A4. Phases of activity and identification of relevant ones	Relevant env. aspects and impacts - EMAS Env. Statement and/or environmental review	Reg. 761/01 Annex III Par. 3.2 point c) "description of all significant direct and indirect env. aspects which result in significant impacts of the org. and an explanation of the nature of the impacts as related to aspects"
A6. Existing permits	List of env. permits - environmental review	Annex IB1 Legal compliance

Form B: specific information/data

	Refer to...	EMAS Reference
B1. Consumption of raw materials	Table of materials entering the productive cycle and their description - EMAS Env. Statement and/or environmental review	Reg. 761/01 Annex III Par. 3.2 point e) "summary of data available on performance of the org. against its env. objectives and targets with respect to significant env. impacts...figures on pollutant emissions, waste generation, cons. of raw materials, energy and water, noise,...The data should allow for year-by-year comparison..."
B2/B4. Consumption of water/energy	Table of water consumption (total and specific for productive cycle) and energy - EMAS Env. Statement and/or environmental review	idem
B6. Air emission	Table of air emission - EMAS Env. Statement	idem

ADVANTAGES – IPPC ORGANIZATIONS

Form B: specific information/data

	Refer to...	EMAS Reference
B14. Noise	Table of noise data - EMAS Env. Statement and/or environmental review	Reg. 761/01 Annex III Par. 3.2 point e)

Form C: specific info (if modifications required)

C1. Plant to be authorized (if different than form B)	EMS for plant change implementations (i.e. BAT) and env. Programs/objectives	Reg. 761/01 Annex III Par. 3.2 point d) "description of env. objectives and targets in relation to the significant env. aspects/impacts"
C5. Program of structural adjustments	Environmental Programs/objectives	idem

Form D: env. aspects related to emissions/consumptions of the installation and technical choices

	Refer to...	EMAS Reference
D1. Climatic information	Env. climatic description - EMAS Env. Statement and/or environmental review	
D2. Choice of the method for evaluating env. aspects	Set-up criteria for evaluating the relevance of env. aspects	Reg. 761/01 Annex III Par. 3.2 point c)
D6-D8. Identification and quantification of aspects in relation to: air emission/water emission/noise	Results of the above evaluation	idem
D11. Risk analysis		Reg. 761/01 Annex IA.4.7 Annex VI Par. 6.2 point h)

ADVANTAGES – IPPC ORGANIZATIONS

Form E: management of env. aspects and monitoring plan		
	Refer to...	EMAS Reference
E3. Environmental management description	Management of each env. aspect - Procedures prepared for EMS	Reg. 761/01 Annex IA
E4. Monitoring plan	Monitoring plan for each env. aspect - Procedures prepared for EMS	Reg. 761/01 Annex IA

A non-technical report shall be prepared for stakeholders (description of the plant, env. aspects connected to the activities, actions planned to prevent and reduce pollution,...)

use EMAS env. Statement and validated env. information

ADVANTAGES – IPPC ORGANIZATIONS

2. Economic benefits

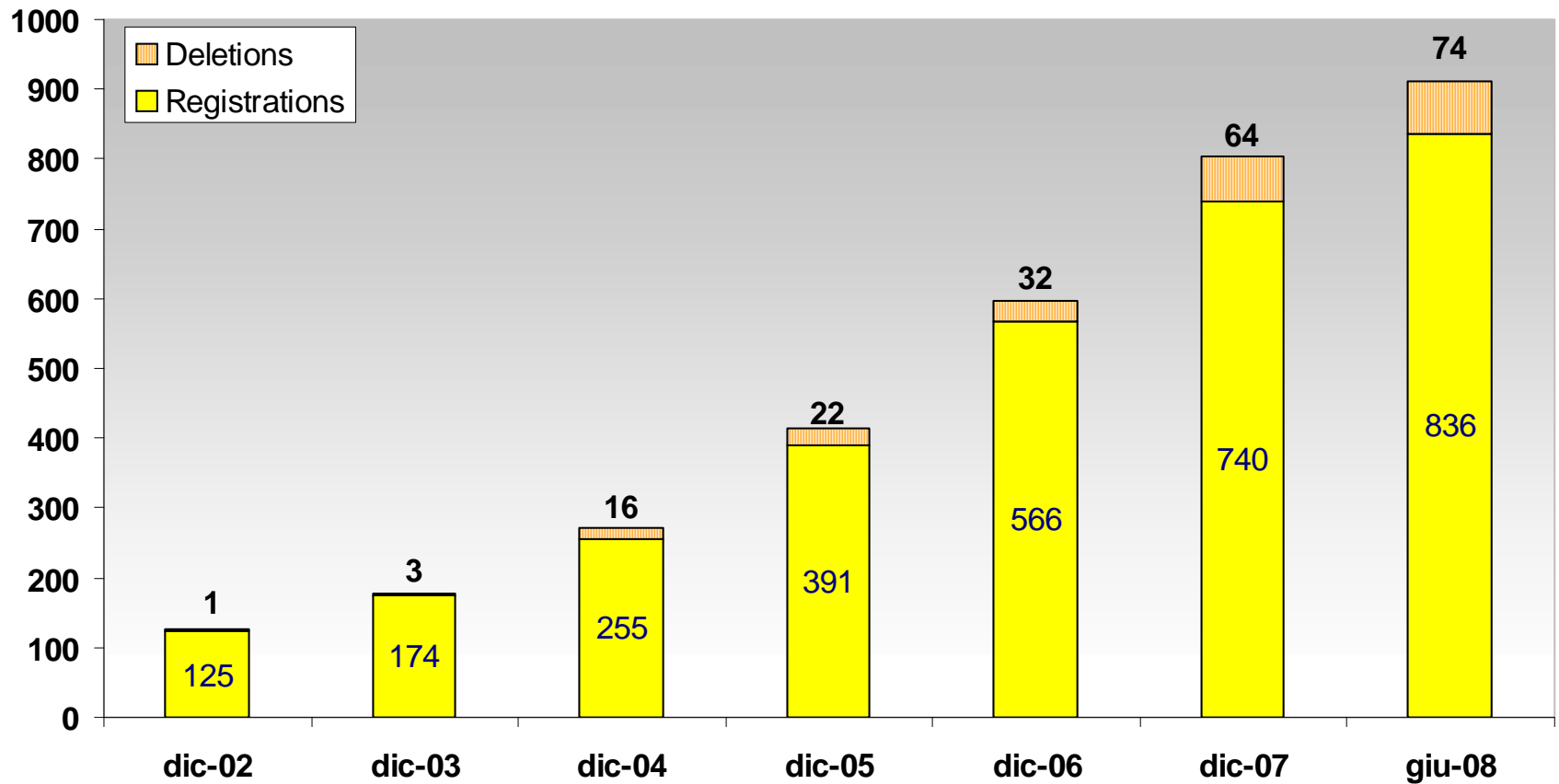
- ✓ Regional law of Emilia-Romagna 21/2004 reduces IPPC permit process fees (-40%) for EMAS registered organizations

ADVANTAGES – RESULTS

Have these advantages given some results in terms of participation to EMAS scheme in Italy ?...

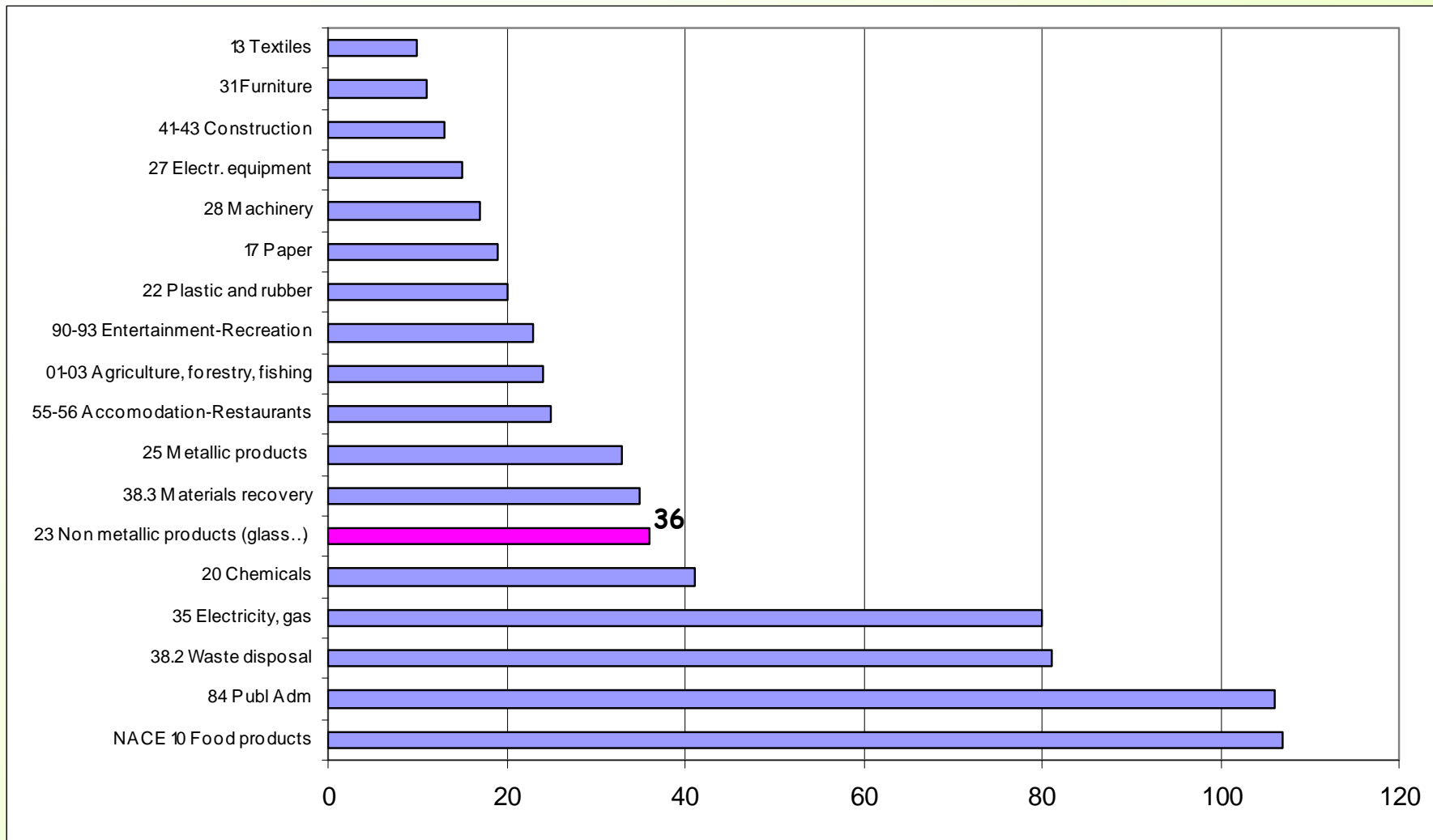
...see some figures

Italian EMAS Register

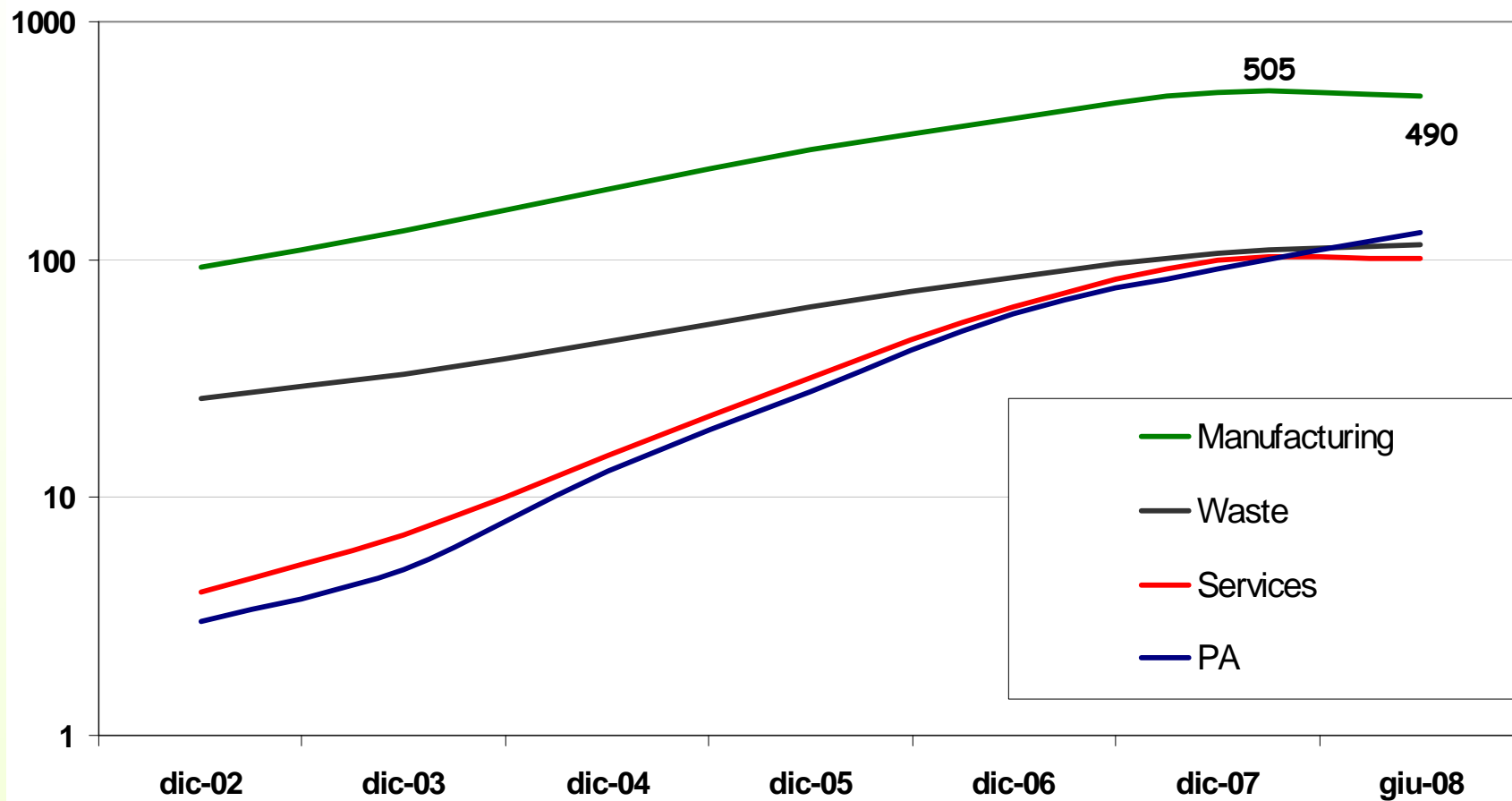


Distribution per main sectors (NACE rev 2)

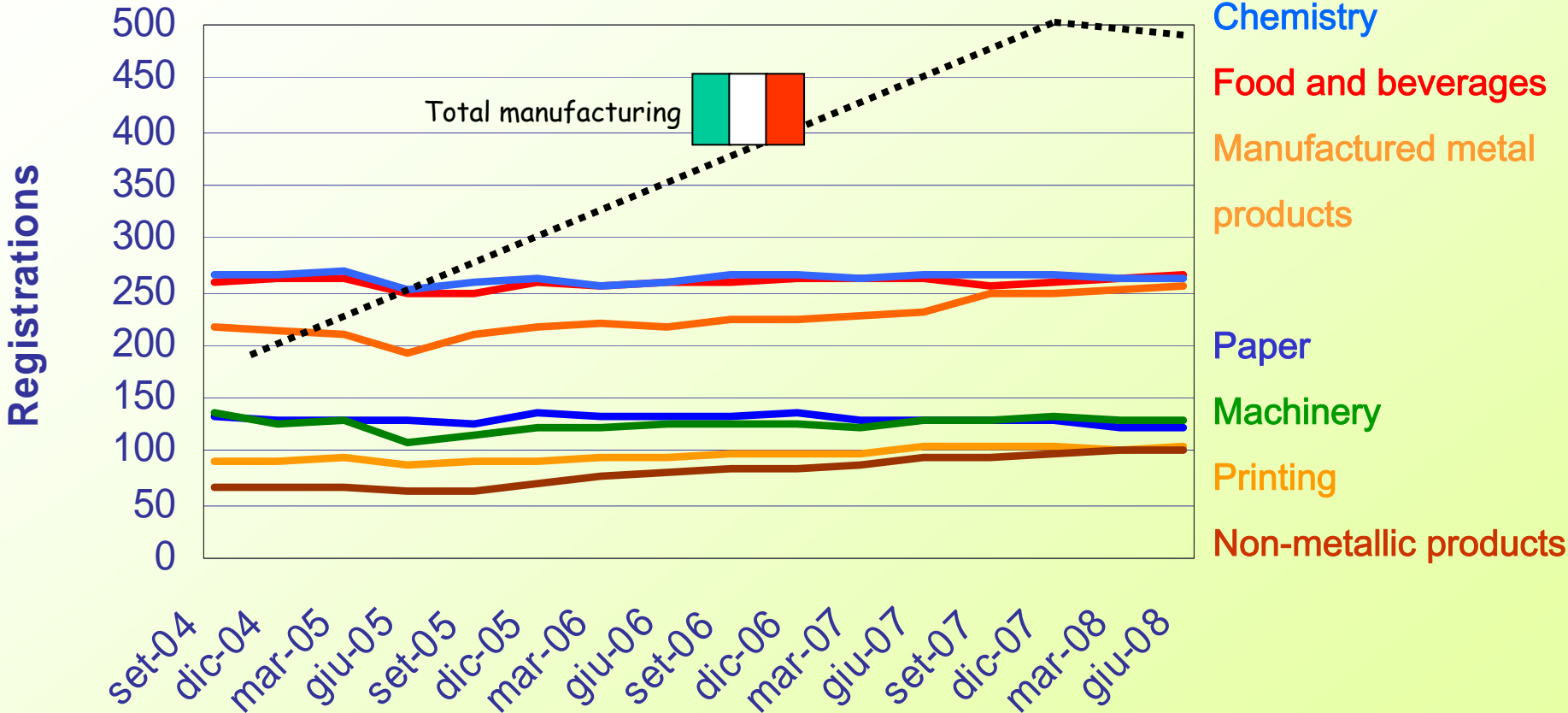
80% of total registrations



Trends by macro-area



Trend EU – Italy (manufacturing)



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CONCLUSIONS

- 1. Italian EMAS national system is reliable for legislator due to its implementation (public organizations responsible for Competent Body - Accreditation Body - Enforcement Authorities)*
- 2. Figures show a growing participation to EMAS in industrial sector linked to benefits, mainly to regulatory relief*
- 3. Expected progress to be implemented :*
EMAS registration = reduced n. of control by Enf. Auth.



Thank you for your attention

Rossella GAFA'

APAT

*Agency for the Protection of the Environment
and for Technical services*

rossella.gafa@apat.it

Bertrand CAPRA

APAT

*Agency for the Protection of the Environment
and for Technical services*

bertrand.capra@apat.it

APAT

Agency for Environment Protection - Italy