# Information Technology in DG TAXUD

## *Developments and operation of customs and taxation trans European Systems*

Unit A3: delivering
Trans European Information Systems

- At the legal level:
  - Customs 2007, Fiscalis 2007, EMCS decision;
  - Customs, Excise & Taxation legal bases;
- Subsidiarity is expected to be respected in all areas, *but* technical limitations prevent this from fully happening;
- Technical decisions expected to be taken by consensus between up to 30 administrations, *but* technical limitations and legal obligations "force" certain decisions.

**Taxation and Customs Union**

<u>Heterogeneous</u> is the key word. In terms of technical infrastructure, i.e. hardware, operating system, network, computing architecture, size and complexity of technical infrastructure methodology used (or not used ?), sophistication of national applications, working culture, language etc.
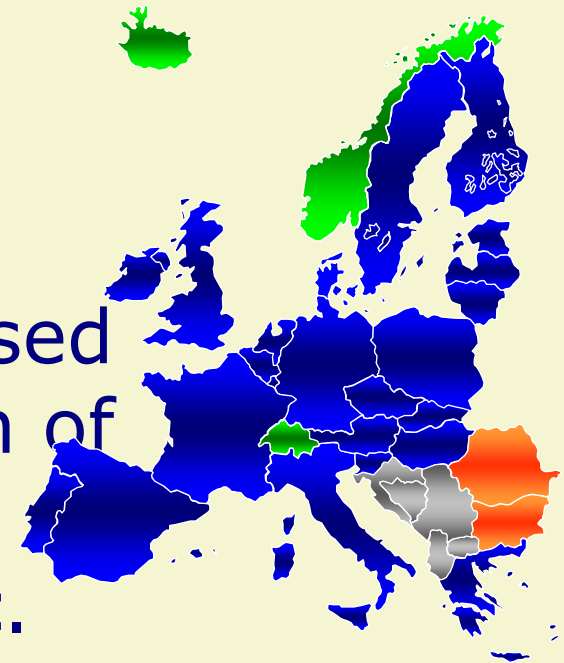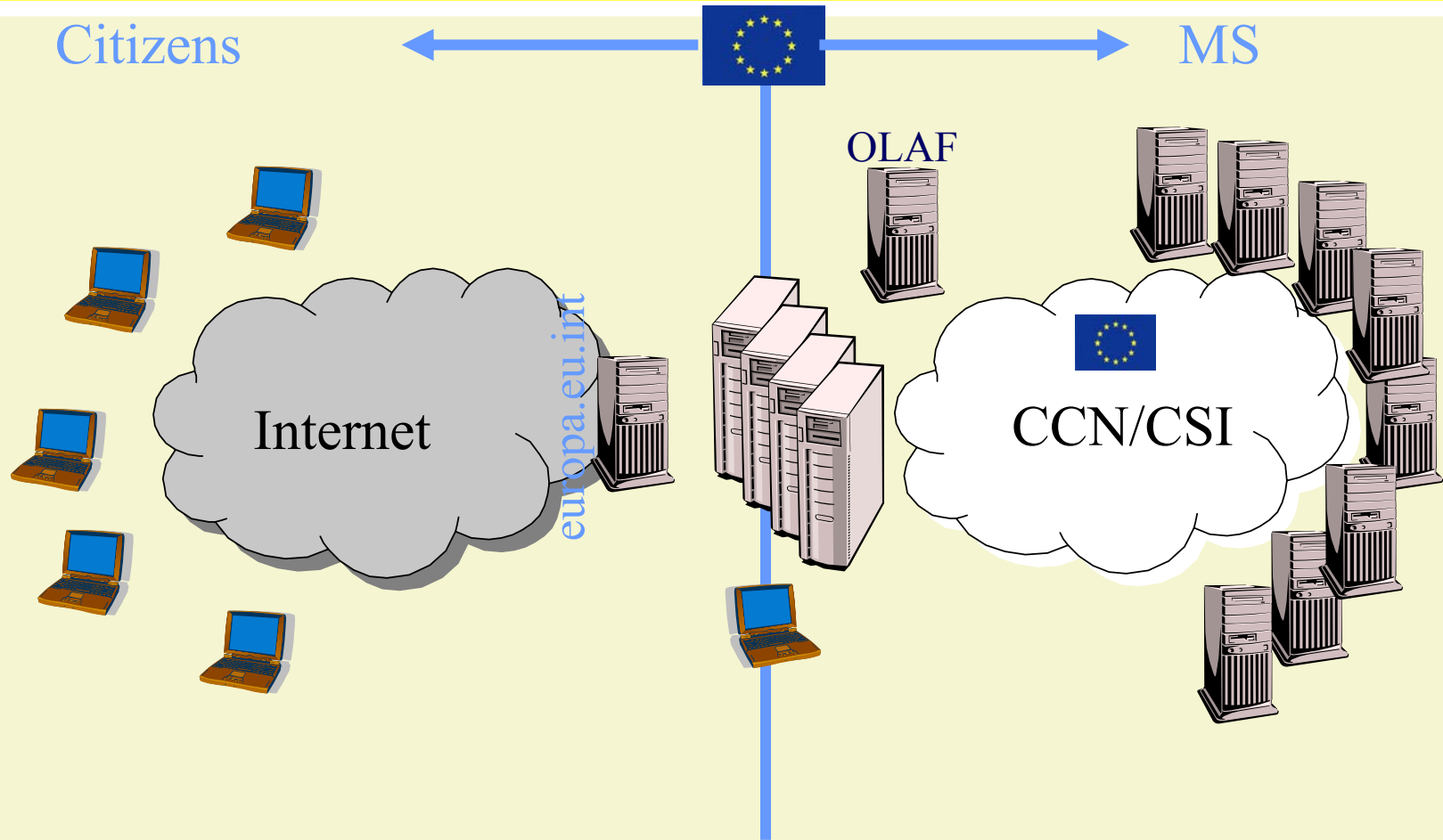
Citizens

MS

OLAF

europa.eu.int

Internet

CCN/CSI

A set of means to connect to the CCN gateways, i.e. harmonized protocols to connect the gateways and each application platform and a programming interface to support the data exchanges.

**DG TAXUD**

**CCN gateway**

**application platform**

**MS xxx**

**CCN gateway**

**CCN/CSI**

**application platform (host)**

**MS xxx**

**CCN gateway**
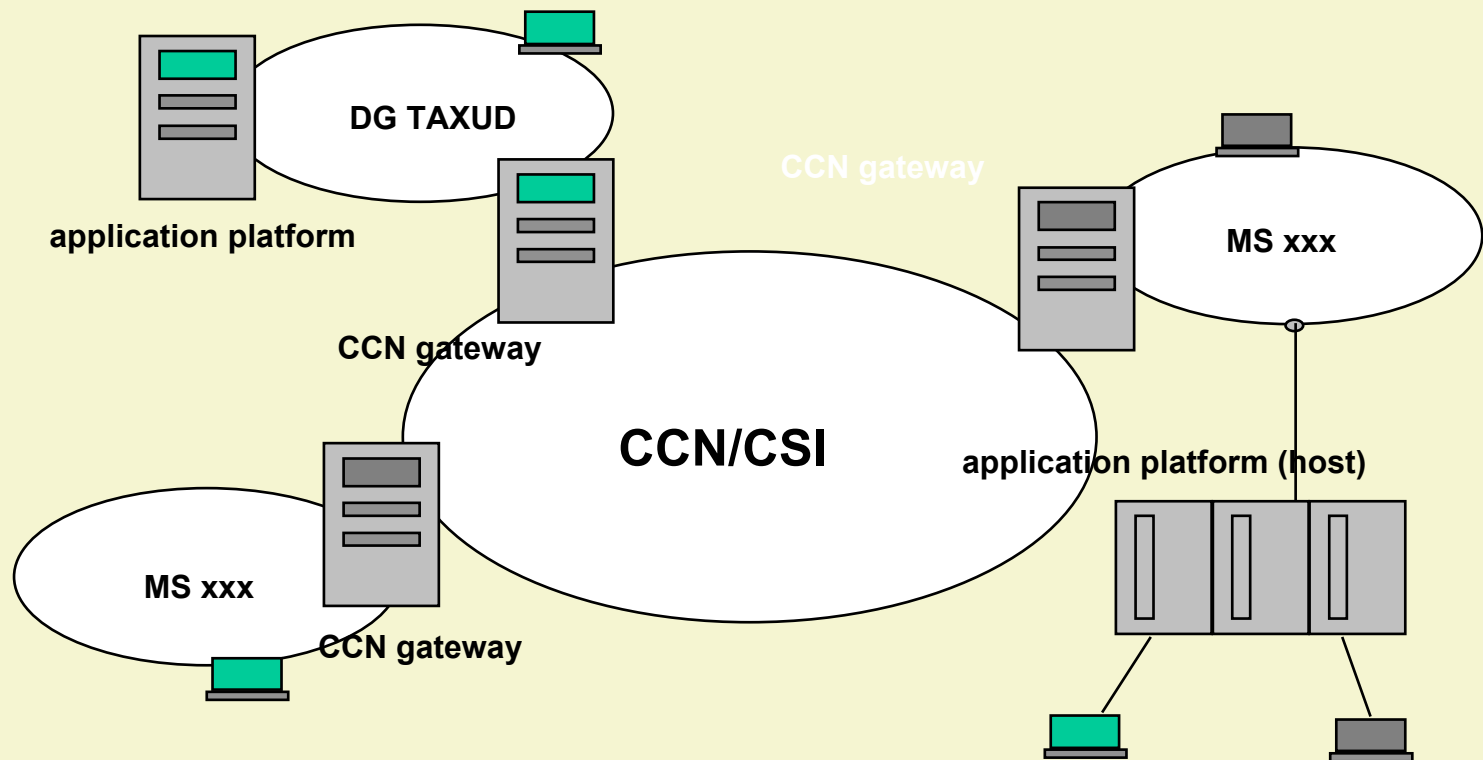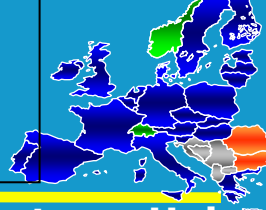
| | Centralized Systems<br>Commission <-->Member States | Distributed Systems<br>Member State<-->Member State |
|---|---|---|
| Reference Systems | TARIC<br>CN<br>EBTI<br>TARIFF SUSPENSIONS<br>ISPP<br>UNIT VALUES<br>CHEMICAL REPERTOIRE<br>TRANSIT reference information<br>ECICS<br>Excise Registration details (SEED) | VAT Registration (VIES) |
| Transaction Systems | Risk Information Forms<br>Tariff Quota System<br>Activity Reporting Tool | VAT Summary Details (VIES)<br>Transit, Export Control System<br>electronic Customs<br>Excise Movement Control System<br>Excise and VAT eForms |

## Security related project activities

(Security amendment of Customs Code = existing legislation)

➢Start and roll-out of operations of **Export Control System (ECS)**;

➢On the basis of the User Requirements, support drafting of functional specifications of the **Import Control System (ICS);**

➢Support preparation of functional specifications for **Authorised Economic Operators (AEO).**

**Electronic Customs** (new legislation)

On the basis of the User Requirements, support drafting of functional specifications of the **Automated Import Systems (AIS);**

On the basis of the User Requirements, support drafting of functional specifications of the **Automated Export System (AES);**

**Common Customs Information Portal (CCIP) & Single Electronic Access point (SEAP):** Support C2007 working group to prepare user requirements and feasibility study, then launch functional specifications;

## Electronic Customs (new legislation)

- Prepare functional specifications for **Trader identification system**

- Prepare functional specifications on **Risk Management Framework**;

- Support IT aspects of **Single Window** preparations;

- Set up the **e-Customs Implementation Group** and the **Trader IT contact group**;

- Provide support to C2007 working group on Data and message harmonisation.

Tariff applications:

**TARIC III + ECICS + Quota II + Surveillance II:** new development in 2006 + 2007;

TARIC II: functional evolution ;

Combined Nomenclature : functional evolution + manage CN explanatory notes;

EBTI + TQS: new functional release + prepare thesaurus;

Corrective and evolutive / functional and technical maintenance of SMS, ISPP;

NCTS: Since 31.12.2005: all NA in Phase 3.2.2 and completion of the project !!!!

Emphasis will be on ensuring and improving the NCTS operations

– better monitoring, quicker information flow on operational status of NA, rapid interventions in case of problems, efforts planned on improvement of quality of applications

– corrective and evolutive maintenance of all the NCTS CDTA as required;

Enlargement Ro & BU: 2006

VIES – VIES/WEB – CCN Mail2

VIES2 - B2B

Versioning Test tools updated,

Versioning Conf. tests finished by end 02/2006

B2B Test tools updated by end 02/2006

B2B Development & Conf. tests finished by end 11/2006

- **VIES2 – One Stop Shop**

  Depending discussions Council

  Project planning: not planned yet

  Kickoff DG TAXUD IT activities: not planned yet

- **VIES2 – Exchange of Forms**

  Phase 1: Specifications: Q3/2006

  Phase 2: e-form implementation: Q1/2007

- **VIES2 – Quality of Data**

  3rd MS requests: not planned yet

- CCN Mail2:

Phase 2 (Integration with national E-mail servers): Q2/2006

Anti-Virus &  Anti-Spam: Q2/2006

- Regionalisation of Administrative Co-op:

Business requirements: Q2/2006

Planning & specifications if required:> Q3/2006

EMCS Ph 0:

Support and maintenance of EWS/E, MVS

Deployment of SEED v.0;
Evolutive maintenance of SEED v.0

EMCS Ph1 & 2:

FESS review cycle

Technical Excise System Specification

Technical prototypes

Protocols and messages definition (DDNEA)

Phasing and Scope

Specification of SEED v.1, Start-up pack

# Data Dissemination System

Launch of Data Dissemination System (DDS) release II;

DDS current system: integrate all measure conditions (reasonable cost permitting)

VIES on the Web: retrieval and security issues to be addressed;

Add SEED V.0 to DDS after start operation early 2006;

**Taxation and Customs Union**

CCN Mail 2:

>  support to the feasibility study of the regionalisation of Administrative Co-operation;

Further improvement of the Security Policy and Quality of Service;

Contract renewal for operations and network services in 2006;

Launch CCN Evolution study with the new CCN contract;

Continued efforts for increasing the Capability Maturity Level;

TEMPO: continuous update (e.g. ITIL, RUP@EC) and maintenance;

Improve Risk Management, Disaster Recovery Plan;

Involve the MS in improving and securing the quality of services related to operations.

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http://europa.eu.int/comm/taxation_customs/common/databases/index_en.htm

Disseminated , information is made available to the general public via the Europa Server

DDS ( Data Dissemination System )
  TARIC, Quota, Suspension, ECICS,
  List of Customs Offices ( march 2001 )
  EBTI ( end 2001 ), VIES.

Central, i.e. the Commission operates centrally a  function which is required for the operation of the  internal market .

"reference information" such as Taric

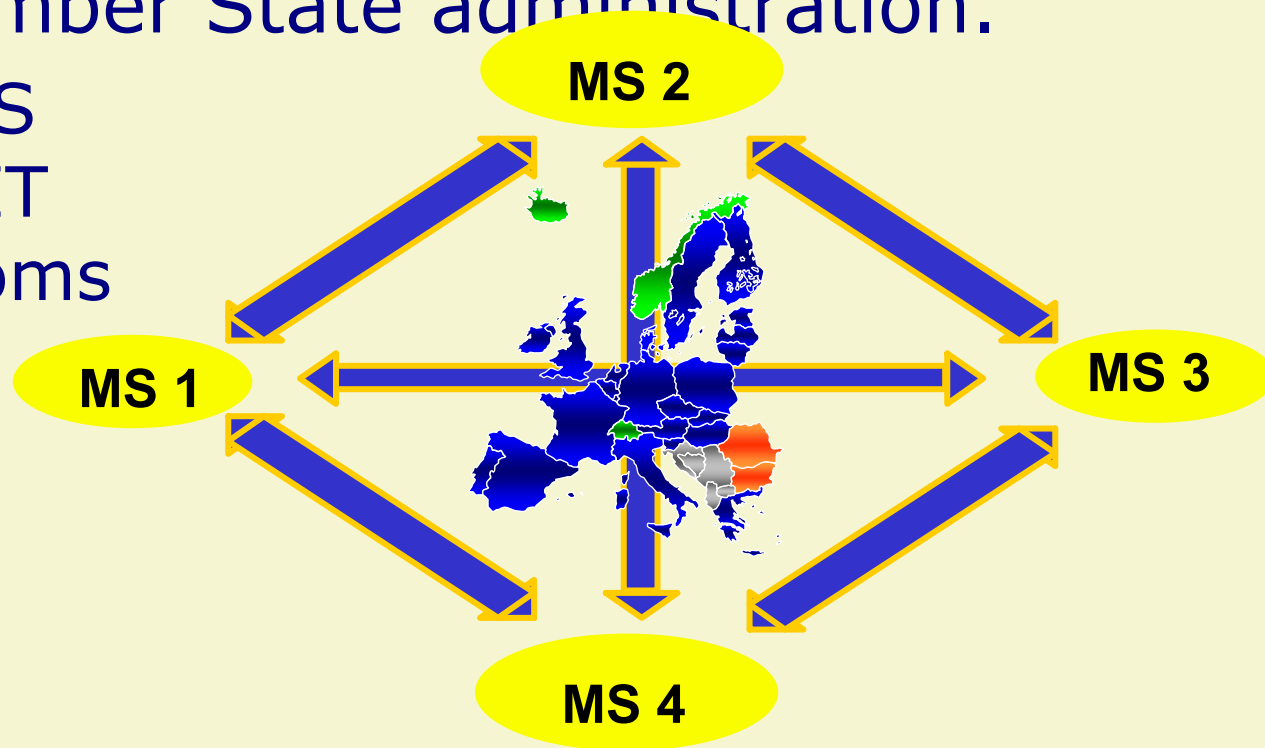"clearing house" such as Quota

"Risk knowledge", such as RIF

**MSA 1**
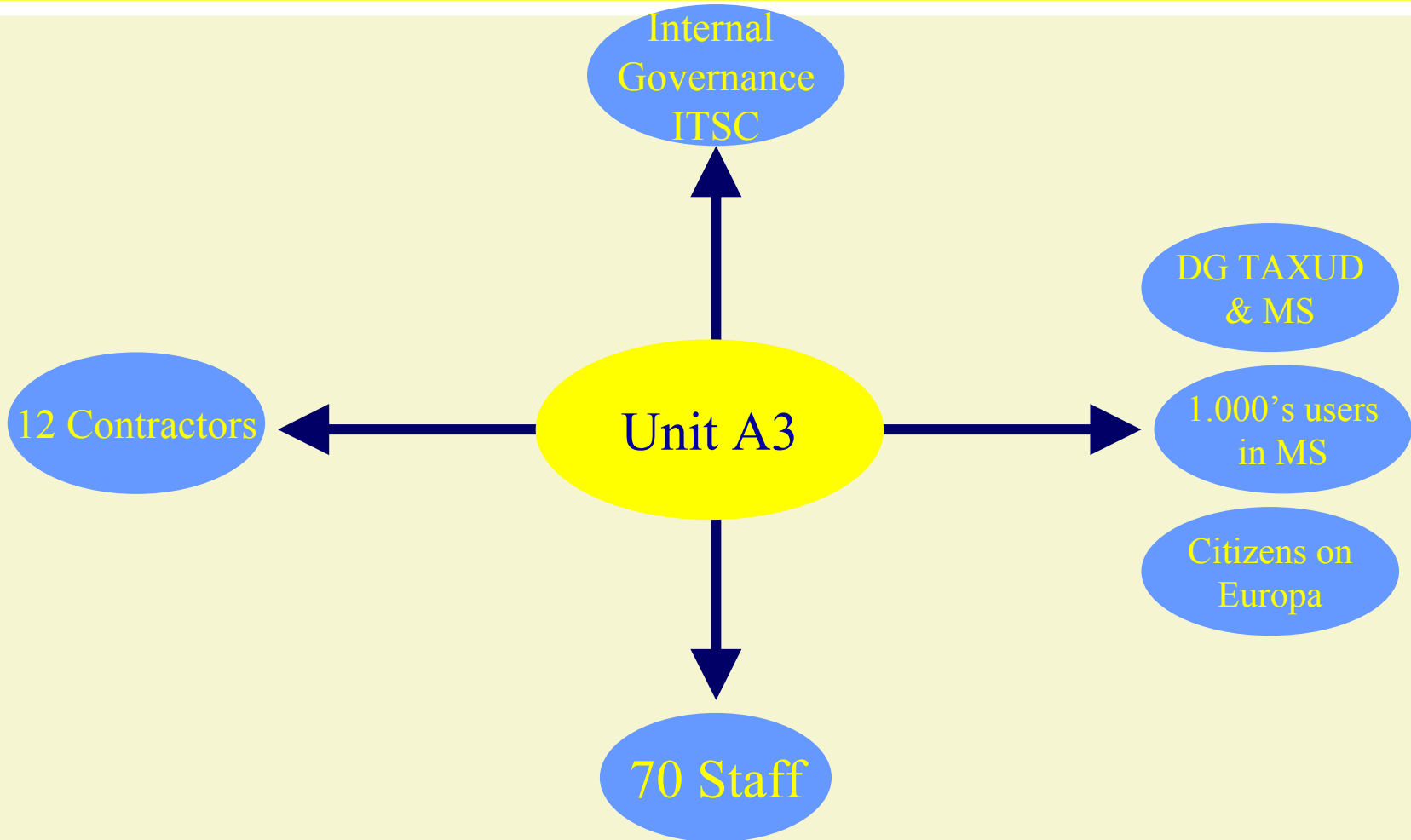
**MSA 2**

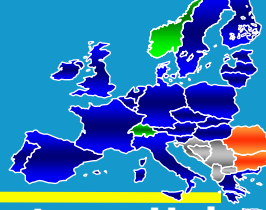**DG TAXUD**

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Distributed, where the Member States access directly information held by another Member State administration.

such as VIES
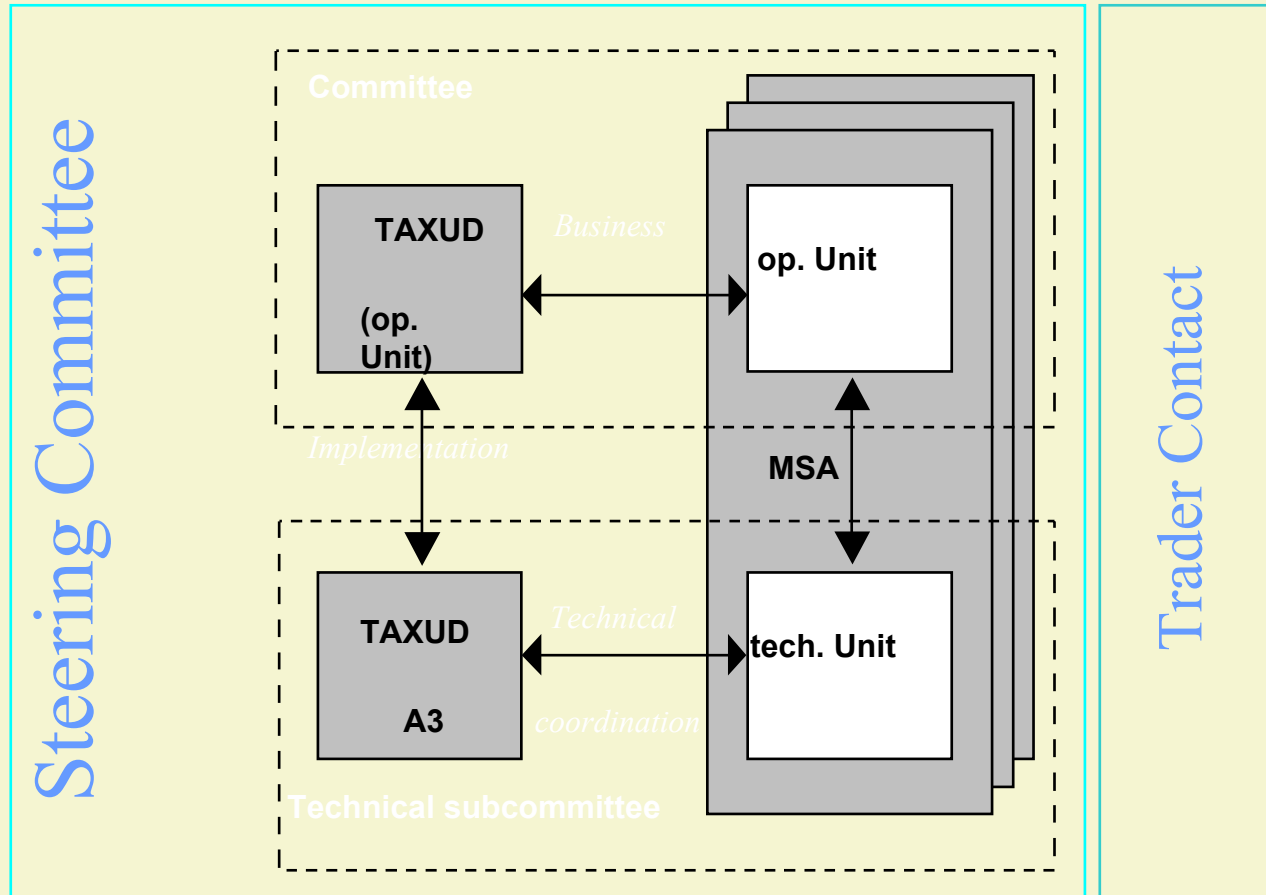   or TRANSIT
   or e-Customs
   or EMCS

MS 2

MS 1

MS 3

MS 4

Internal Governance ITSC

DG TAXUD & MS

12 Contractors

Unit A3

1.000's users in MS

Citizens on Europa

70 Staff

# Governance

**Taxation and Customs Union**



**Steering Committee**

**Committee**

TAXUD

(op. Unit)

*Business*

op. Unit

*Implementation*

MSA

TAXUD

A3

*Technical*

*coordination*

tech. Unit

**Technical subcommittee**

**Trader Contact**

Internal Governance: I.T. Steering Committee & Work Program

# Unit A3 is offering:

Project management & co-ordination, public procurement;

IT consultancy;

Feasibility study;

Functional & technical systems specification;

IT System design, development and maintenance;

IT system operation and support;

Co-ordination with the National Administrations.

# 2005 in figures

- **Operations** : 37+Mio hits on DDS, 21 Mio hits 'Vies on Web', 7+Mio movements NCTS, 110 Mio requests VIES, 250 Mio messages transported on CCN, 180.000 e-mails on CCN

- **Application development**: Inclusion of B2B services on VIES, Tax Inventory, Surveillance 2, Quota 2 , ECICS 2, DDS 2, ECN+

- **Development of Trans European systems**: EMCS, eCustoms, VIESII, Taxation on Savings;

- **Coordination**: 25 meetings with MS, 21 workshops (incl training), 115 missions,

**Taxation and Customs Union**



CCN messages

**Taxation and Customs Union**
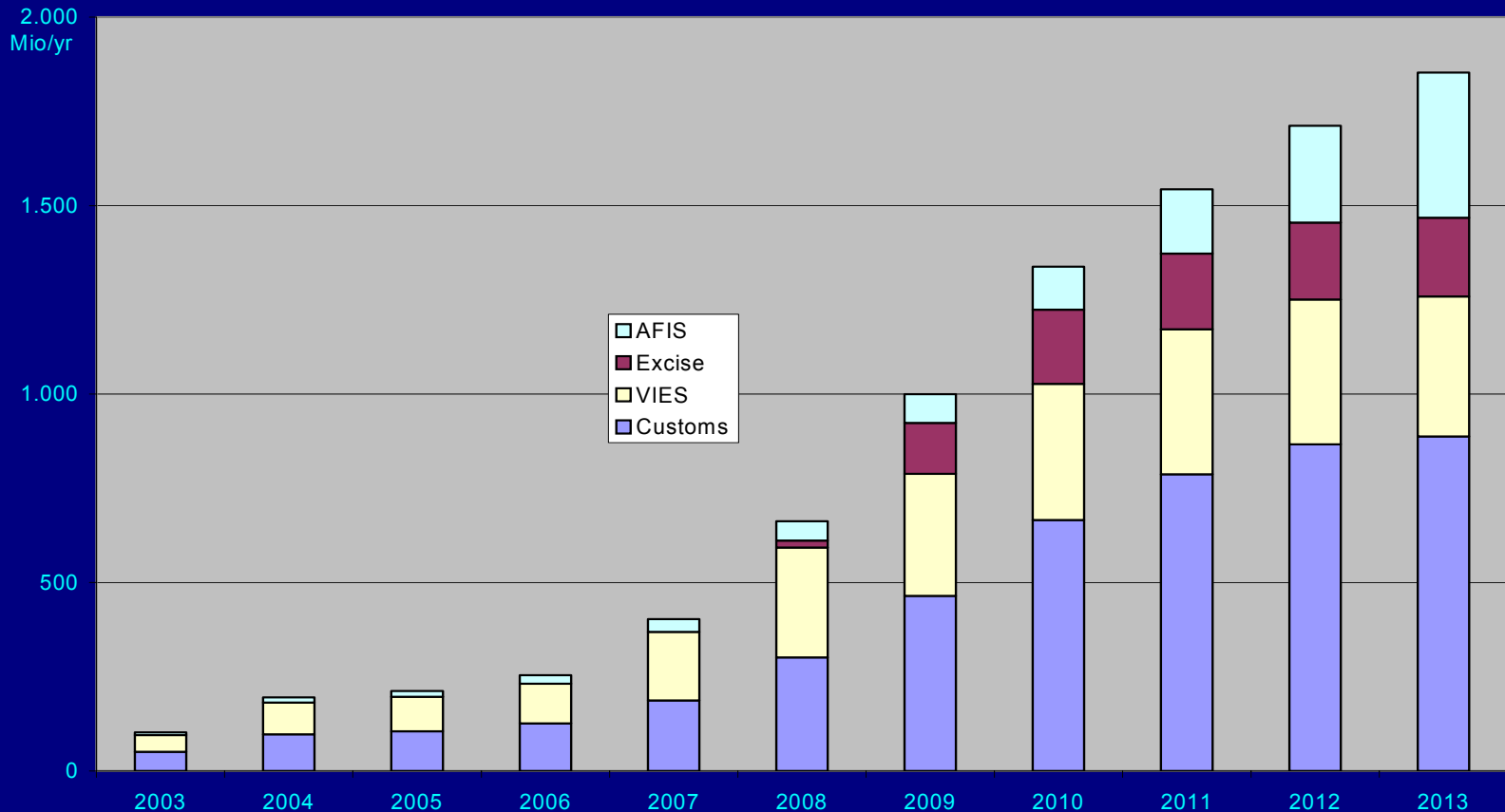
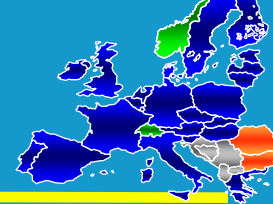Much work ahead of us… perhaps more than we can achieve …

The launch of eCustoms implementation  will be the start of a very ambitious and very complex new project (at present still depending on availability of User requirements);

Ensuring NCTS operations is of key importance !

This is only achievable if open & structured co-operation between MS and COM, in line with the agreements (including resources commitments)

# Questions ?