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EUROPEAN COMMISSION  
EUROSTAT  
Directorate F: Social Statistics and  
Information Society  
Unit F-6: Information Society and  
Tourism Statistics

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e-Business Watch  
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***Presentation of Eurostat' F6 / Information Society Statistics at the  
workshop on Convergence in High-Tech Industries***

***Convergence challenging ICT  
measurement:  
The new NACE scheme***



# ICT Sector in terms of classifications

- The role of Eurostat  
Eurostat provides standard classification for statistics in the EU
- Defining the ICT Sector  
Definition of the ICT Sector in terms of classifications of activities, commodities, occupations have been made
- International harmonisation  
UN basic source for standard classifications  
OECD has defined the ICT Sector, in co-operation with Eurostat etc.
- Need for revisions  
Changing environment requires revisions in classifications
- Current situation  
Revision of classifications of activities is practically finished  
Commodities are next in line, partly almost finished  
Other revisions are starting

# Revision of the classifications

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- UN organisations have
  - revised the ISIC
  - revised the CPC
  - starting work on other classifications
- Eurostat (“Operation 2007”) has (for treatment in the Parliament and the Council)
  - revised the NACE
  - revised the CPA
  - starting work on the other classifications

# ICT Sector / Activities

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- Revised ISIC and NACE are available (NACE is somewhat more detailed)
- Implementation is starting in 2008
- The “OECD definition” of the sector in terms of the old classifications is there
- Eurostat is using the old definition to provide data on the ICT Sector
- Eurostat is suggesting to OECD how to define the ICT Sector in terms of NACE 2
- Common definition is aimed at

# Implementation

- The NACE 2 will start to be implemented in the beginning of 2008
- Implementation will start in the Business Registers in 2008
- It will proceed to the basic statistics, above all to the Structural Business Statistics
- When the basic statistics are available, the National Accounts and Business trends will follow (2011, 2012?)
- A period of double coding and back casting is foreseen, differing by domain

# ICT Sector / NACE Rev. 2

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- ICT Manufacturing  
mainly “26 Manufacture of computer, electronic and optical products”
- ICT Services  
new class combining content with techniques  
“J Information and communication” (including publishing, broadcasting, telecommunication, computing and other information services)
- Many classes under discussion;  
some sub-items in manufacturing (optic etc.)  
related services like retail trade and repair services for ICT goods

# ICT Manufacturing activities

NACE Rev.2	NACE Rev.1.1	Manufacturing Activities	Opinions of MS/ other European countries
26.1	32, 31.3, other	Electronic components	Agree 25 Disagree 1
26.2	30	Computers and peripheral equipment	Agree 25 Disagree 1
26.3	32	Communication equipment	Agree 25 Disagree 1
26.4	32, other	Consumer electronics	Agree 24 Disagree 2

# ICT Manufacturing activities cont

NACE Rev.2	NACE Rev.1.1	Manufacturing Activities	Opinions of MS/ other European countries
26.51	33.2	<i>Instruments and appliances for measuring, testing and navigation</i>	Agree 18 Disagree 7
26.8	Other (24.65)	Magnetic and optical media (new)	Agree 24 Disagree 2
27.31	31.3	Fibre optical cables	Agree 25 Disagree 1
27.32	31.3	<i>Other electronic and electric wires and cables</i>	Agree 19 Disagree 7

# ICT repair and trade services

NACE Rev.1.1	Proposed service activities: ICT repair and trade	<u>Opinions</u> of MS/ other European countries
72.5, 32.2, 30, other	Repair of computers and communication equipment	<b>Agree</b> 24 <b>Disagree</b> 1
51.84, 51.86	Wholesale of ICT equipment	<b>Agree</b> 23 <b>Disagree</b> 2
Other (included in 52.48, 52.45)	Retail sale of ICT equipment in specialised stores	<b>Agree</b> 21 <b>Disagree</b> 3

# ICT producing services

NACE Rev.2	NACE Rev.1.1	ICT producing services	Opinions of MS/ other European countries
58.2	72.21, 72.40	Software publishing	Agree 26 Disagree -
61	64.2	Telecommunications	Agree 26 Disagree -
62	72	Information Technology service activities	Agree 26 Disagree -
63.1	72	Data processing, hosting and related activities; web portals	Agree 26 Disagree -

# Content and media activities

NACE Rev.1.1	Content and media service activities	<u>Opinions</u> of MS/ other European countries	
22.1	Publishing of books, periodicals and other publishing activities	Agree	25
		Disagree	1
92.1	Motion picture, video and television programme production, sound recording and music publishing activities	Agree	25
		Disagree	1
92.20	Broadcasting and programming activities	Agree	25
		Disagree	1
92.40, 74.87	Other information service activities	Agree	26
		Disagree	-

# Commodities

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- OECD has defined ICT goods and services in terms of CPC, HS
- Commodity classification CPA, compatible with CPC, follows the structure of NACE
- The HS classification of goods will also be revised over the next few years
- Revising the ICT Sector definition in terms of commodities will follow after agreeing on the activity-specific definition

# Other classifications

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- Breakdowns on more aggregated levels will be specified for systems like the National Accounts
- ICT items in the Balance of Payments will be specified
- ISCO classification of occupations will be revised and ICT occupations there should be identified

# Why ICT Sector definition?

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- Specifying the ICT items in the standard classifications will allow use of data already existing in various statistics to describe the ICT Sector in a harmonised way for comparisons of countries and over time

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THANK YOU!