

**Introduction EU & R&TTED related
to the MRA on Telecom products**

Jan Coenraads

International MRA Workshop

December 14/15, 2006

Tokyo Japan

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電気通信製品のMRAに関する EU及びR&TTE指令 の紹介

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Speaker Jan Coenraads

1. Radio/EMC engineer
2. Test Lab Manager/Business Manager (Akzo, NMI) in NL, USA, Brazil, Japan
3. Radio Agency/NL Ministry of Economic Affairs, responsible for:
 - EMC/R&TTE technical regulation,
 - NL representation in TCAM & EMCWP,
 - MRA issues & CB/NB issues.



Currently
Chairman of R&TTECA
Secretary of ECANB

スピーカー：Jan Coenraads

1. 無線/EMCエンジニア
2. 試験所マネジャー/ビジネスマネジャー (Akzo, NMI) in NL, USA, Brazil, Japan
3. Radio Agency/NL Ministry of Economic Affairs, 担当:
 - EMC/R&TTE技術規則,
 - TCAM & EMCWPのNL代表
 - MRA問題及びCB/NB問題



現在

**R&TTECA会長
ECANB事務局**

What is the aim of the R&TTE Directive?

To ensure:

- ◆ **the functioning of the Internal Market,**
- ◆ **by requiring equipment to comply, with essential requirements!**

R&TTE指令の目的は？

以下の確保:

- ◆ 機器を必須要求事項に適合させることにより、
- ◆ 域内市場の機能を確保!

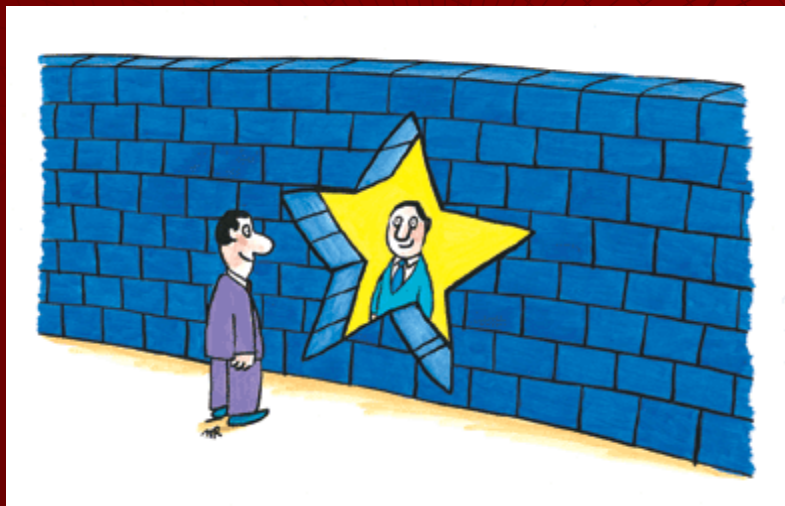
What is the internal ("single") Market?

Internal Market = an area without internal borders, guaranteeing the free movement of electrical and electronic equipment!



域内(単一)市場とは?

域内市場 = 電気電子機器の自由な移動を保障する域内境界のないエリア!



The single market

Why is it so important?



EU single market

- ➔ 10 years
- ➔ 2 500 000 extra jobs
- ➔ € 877 000 000 000 in extra prosperity

<http://europa.eu.int/comm/10years>

The advertisement features a blue sky background with white clouds and a portion of the European Union flag (blue with yellow stars) in the upper left. At the bottom, four diverse individuals—a woman in blue overalls, a man in a suit, a woman in a white jacket and red shorts, and a man in a white tank top and blue shorts—are shown jumping over hurdles, symbolizing progress and unity.

単一市場

なぜ非常に重要か？



EU single market

- ➔ 10 years
- ➔ 2 500 000 extra jobs
- ➔ € 877 000 000 000 in extra prosperity

<http://europa.eu.int/comm/10years>

The image features a blue sky with white clouds and a portion of the European Union flag (a blue field with twelve yellow stars) in the upper left corner. At the bottom, four diverse people are shown in various states of motion: a woman in blue overalls jumping, a man in a suit walking, a woman in a white jacket and red shorts running, and a man in a white tank top and blue shorts jumping over a hurdle.

R&TTED - applicability



Belgium



Cyprus



Denmark



Germany



Estonia



Finland



France



Greece



Hungary



Ireland



Italy



Latvia



Lithuania



Luxembourg



Malta



The Netherlands



Austria



Poland



Portugal



Slovenia



Slovakia



Spain



Czech Republic



United Kingdom



Sweden

25 EU Member States



EFTA Countries

Norway, Iceland, Liechtenstein



Special arrangement with Switzerland (MRA)



4 candidate EU Member States:

Romania, Bulgaria, Turkey and Croatia,

2 expected to join by 2007



MRA countries have NB applying CAP procedure!

R&TTE指令の適用

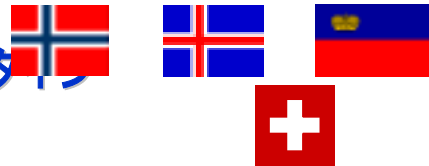


25 EU
加盟国



EFTA諸国

ノールウェ、アイスランド、リヒテンシュタイン
スイスと特別取決め (MRA)



4 EU加盟国候補:

ルーマニア、ブルガリア、トルコ、クロアチア
2カ国が2007年に加盟予定



MRA締結国には、適合性評価手続きを適用する NBが所在!

How large is the Market for CE Marked products?

CONSUMERS

- ◆ 25 EU countries = 460 million
 - ◆ EFTA countries = 12 million
 - ◆ EU from 2007
(apply already CE marking) = 30 million
 - ◆ EU membership requested = 152 million
(most apply already CE marking)
 - ◆ Non EU but applying CE
(countries such as Egypt) = growing
- Total = 654 million**

CEマークを付けた製品の市場は どれ位の規模か？

消費者数

- ◆ 25 EU加盟国 = 4.60億人
 - ◆ EFTA加盟国 = 1.200万人
 - ◆ 2007年以降のEU
(CEマーキングを既に申請) = 3,000万人
 - ◆ EU加盟を申請
(ほとんどが CEマーキングを申請) = 1億5,200万人
- 合計 = 6億5,400万人
- EUに加盟していないが CEを適用
(エジプトなどの諸国) = 増加

Who are the EU Players in the field

- ◆ EEA (EU +) Member State authorities (+ others such as from MRA countries)
- ◆ EU Commission
 - **DG ENTERPRISE (TCAM/ADCO/NB's)**
 - DG INFOSOC (Spectrum Policy and decisions)
 - DG TRADE (MRA policy & negotiations)
- ◆ R&TTECA (The Notified Body Group) TGN
- ◆ Supporting organisations (ETSI, CENELEC, ECC, CEPT, ERO, etc)
- ◆ Manufacturers/importers/Consumers

EU市場におけるプレーヤーは誰か

- ◆ EEA (EU +)加盟国当局 (+MRA諸国など)
- ◆ EU委員会
 - DG ENTERPRISE (TCAM/ADCO/NB's)
 - DG INFOSOC (周波数政策及び決定)
 - DG TRADE (MRA政策及び交渉)
- ◆ R&TTECA (Notified Bodyのグループ) TGN
- ◆ 支援団体(ETSI, CENELEC, ECC, CEPT, EROなど)
- ◆ 製造業者/輸入業者/消費者

MRA applicability

MRA for R&TTE covers:
all products under
R&TTE Directive 1999/5/EC

EU MRA on Telecom in full operation for:

Japan

USA

Canada

Australia

New Zealand

Switzerland (special status)

MRAの適用

R&TTE MRAは以下をカバー：
R&TTE指令1999/5/ECに
定めるすべての製品

以下の諸国と電気通信EU MRAが本格的に運用

日本

米国

カナダ

オーストラリア

ニュージーランド

スイス(特殊な地位)

Programme elements for 14 & 15 December 2006

- 1. Introduction**
- 2. Quick tour on R&TTED**
- 3. Market Surveillance**
- 4. New Approach review and
R&TTED review**
- 5. EU organisations**
- 6. CAB/NB issues**
- 7. MRA issues**

講演内容

2006年12月14-15日

1. はじめに
2. R&TTE指令の概要
3. 市場監視
4. ニューアプローチの見直し及び
R&TTE指令の見直し
5. EUの組織
6. CAB/NB問題
7. MRA問題

Useful contacts & links

A document is available with an overview of interesting websites related to:

- ◆ **Spectrum Policy**
- ◆ **R&TTE regulation and product compliance**
- ◆ **R&TTE Compliance Association**
- ◆ **MRA and NB (CAB) information**
- ◆ **R&TTE Standards**
- ◆ **Etc.**

役立つ連絡先及びリンク

以下に関する面白いウェブサイトで見書を手に入れる:

- ◆ 周波数政策
- ◆ R&TTE規則及び適合性
- ◆ R&TTE Compliance Association
- ◆ MRA及びNB (CAB)情報
- ◆ R&TTE規格
- ◆ その他

End of Introduction

Thank you for your attention



Any QUESTIONS ??

終わり(はじめに)

ご静聴を感謝



ご質問は??