

# INSPIRE Drafting Team Monitoring and Reporting Status

INSPIRE conference – 23 June 2008

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Chair of the DT MR



# Status of DT MR

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## *Abbreviations:*

*DT: Drafting Team*

*MR: Monitoring and Reporting*

*IR: Implementing Rule*

## Objectives

Members

Progress

IR MR overview

SDIC/LMO review

Next steps



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# Objectives of the IR MR

- Article 21(1) : Monitor the implementation and use of the infrastructure
  - Make the results of the monitoring accessible on a permanent basis
- Article 21(2) : Three yearly report to EC by MS
  - Organisation, coordination, quality assurance, use of the infrastructure, progress data-sharing, costs/benefits
- *Why ?*
  - *Recital (34) : Preparatory work for decisions concerning the implementation of the directive and for the future evolution of Inspire requires continuous monitoring of the implementation of the Directive and regular reporting.*



Objectives

**Members**

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# Members

(2007-2008)

## Team

- |     |                                  |                 |
|-----|----------------------------------|-----------------|
| 1.  | Joep CROMPVOETS                  | The Netherlands |
| 2.  | Ute DAUERT                       | Germany         |
| 3.  | Nathalie DELATTRE                | Belgium         |
| 4.  | Dimitri DELLO BUONO              | Italy           |
| 5.  | Hans DUFOURMONT                  | Belgium         |
| 6.  | Pedro R. MURO-MEDRANO            | Spain           |
| 7.  | Mark PROBERT                     | UK              |
| 8.  | Marja TAMMILEHTO-LUODE           | Finland         |
| 9.  | Danny VANDENBROUCKE – Vice chair | Belgium         |
| 10. | Marie-Louise ZAMBON – Chair      | France          |

## Reduced availability or no longer available :

- |    |                             |                   |
|----|-----------------------------|-------------------|
| 1. | <i>Barbara ALBINIAK</i>     | <i>Poland</i>     |
| 2. | <i>Maico CENTIS</i>         | <i>Italy</i>      |
| 3. | <i>Daniela FLOREA</i>       | <i>UK/Romania</i> |
| 4. | <i>Przemyslaw GRUSZECKI</i> | <i>Poland</i>     |
| 5. | <i>Dirk VANDERSTIGHELEN</i> | <i>Belgium</i>    |

## Facilitator (ESTAT)

Daniele RIZZI and Beatrice EISELT

Objectives

Members

**Progress**

IR MR overview

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Next steps

# Progress (1) : what has been done by the DT MR

- Analysis of the reference material
  - Elaboration of a methodology :
    - Indicators based on:
      - The objectives of the Directive
      - The definition of the users of the indicators (EC / MS / Citizens)
      - The characteristics of a good indicator
      - The definition of the levels of monitoring (indicators at National level)
- Elaboration of a generic indicator description grid



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## Progress (2) : what has been done by the DT MR

⇒ List of indicators – 2007

- Comments from the CT and the other DTs
- Creation of a template (spreadsheet) and first internal test by some stakeholders (spring 2007 : BE – FR – ES)
- Feasibility test by 4 volunteer MS (September 2007 : DE – ES – IT – NL)

Results : a lot of questions/issues linked to the implementation of INSPIRE (e. g. conformance testing – reference to other IRs – definitions) – conflict (in-depth monitoring/feasibility-cost) - need of additional explanation



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## Progress (3) : what has been done by the DT MR

⇒ Draft IR MR – Internal review – Winter 2007

- Comments from the CT and the other DTs

Results : some indicators too complex, burden for MS

⇒ New draft : less indicators, less sub-indicators, no indicator for data-sharing, refer to MD elements for automatic collection of raw data for indicators

⇒ 3 documents for SDIC/LMO review :

- “IR for Monitoring and Reporting” ⇒ Regulation
- “Justification document” ⇒ Explanation
- “Guidelines” ⇒ Help



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# IR for Monitoring and Reporting (Overview 1/)

Objectives

Members

Progress

**IR MR overview**

SDIC/LMO review

Next steps

- Monitoring indicators

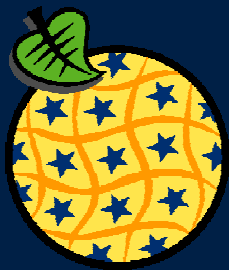
8 indicators for the “technical” components of  
INSPIRE

... based on a list of relevant data sets (for each  
theme, grouped by annex)

... for which the INSPIRE conformity is measured

... and the INSPIRE MD created

... and the INSPIRE services established



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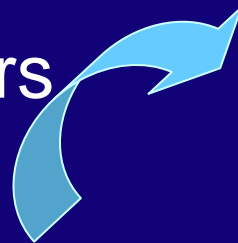
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# IR for Monitoring and Reporting (Overview 2/)

## INSPIRE indicators

*Order of the chapters  
of INSPIRE*

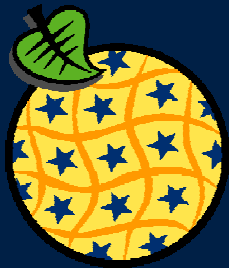


### Metadata

MD i1 : Existence (§5)  
MD i2 : Conformity to INSPIRE (§6)

### Which data sets?

DS i1 : Extent of spatial data sets (§7)  
DS i2 : Conformity to INSPIRE (§8)



### Services

NS i1 : Accessibility (§9)  
NS i2 : Conformity to INSPIRE (§10)  
NS i3 : Performances (§11)  
NS i4 : Use (§12)

# IR for Monitoring and Reporting (Overview 3/)

Objectives

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**IR MR overview**

SDIC/LMO review

Next steps

- Reporting : 6 paragraphs developed
  - §13 - Organisation, coordination and quality assurance
  - §14 - Contribution to the functioning and coordination of the infrastructure
  - §15 - Usage of the infrastructure for spatial information
  - §16 - Data sharing arrangements
  - §17 - Cost and benefit aspects
  - §18 - Other issues
    - E.g. Cross border agreements, transformation services



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# SDIC/LMO review April-May 2008

Objectives

Members

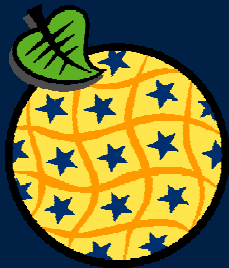
Progress

IR MR overview

**SDIC/LMO review**

Next steps

- 359 comments from 21 LMO and 8 SDIC
- Meeting of the DT MR 22-23 May 2008
  - Comments sorted
    - ⇒ 331 different comments (28 duplicated)
  - Classification
    - ⇒ Methodology / Definitions / Indicators / Reporting / Timing / Guidelines-justification documents
  - Half of the comments analysed
    - ⇒ First partial analysis



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## First (partial) analysis of the SDIC/LMO comments

- Are the comments representing all the point of view of all the 27 MSs?
  - SDIC/LMO  $\neq$  Member States
- A list of questions/issues is still coming back
  - Some will be answered in the IR
  - Some will be explained in the guidelines



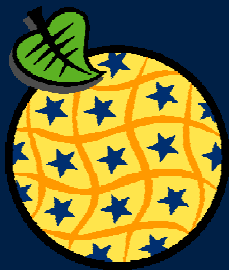
## First overview of the comments (1/3)

- Feasibility
  - Pragmatic approach as the implementation of INSPIRE (*“if I was a MS, I would ...”*)
  - MR at the level of MSs (each MS will decide who is responsible for what)
- Timing
  - Some indicators will not be calculated until the other IRs are not adopted.
  - Dates :
    - Fixed by the Directive for reporting
    - Proposal for monitoring (*“permanent basis”* = at least yearly)
  - When to collect raw data to calculate indicators?



## First overview of the comments (2/3)

- Methodology : the list of spatial data sets and services
  - Which data ? Need more explanation (data sets / series / themes ...) => **issue on IMPLEMENTATION**
  - Existing data sets => why consider “under construction series”?
- Evaluation of the conformity
  - The IR MR doesn't define how the conformity is measured (out of scope)
  - Why measuring conformity with “yes”/“no” rather than a conformity percentage?
- What to do with transnational data sets ?
  - The Directive is for Member States



## First overview of the comments (3/3)

- Definitions/wording: “reduce the room for interpretation”
  - From the Directive
  - From existing implementing rules (*Metadata IR*)
  - Additional definitions
    - Will be consistent with the “INSPIRE glossary”
- What monitoring/reporting data to publish?
  - Indicators and raw data used for calculation?
- Guidelines
  - To be developed





## Next steps

- Summer 2008
    - Comments analysis
      - Finalize the analysis of the other comments
      - Propose an answer to each comment to the EC
    - Draft a new version of the IR MR
    - Draft a new version of the justification document
    - Draft a new version of the guidelines
  - Proposal to the EC : mid-September 2008
    - ...
- ⇒ Adoption mid-November 2008 ?