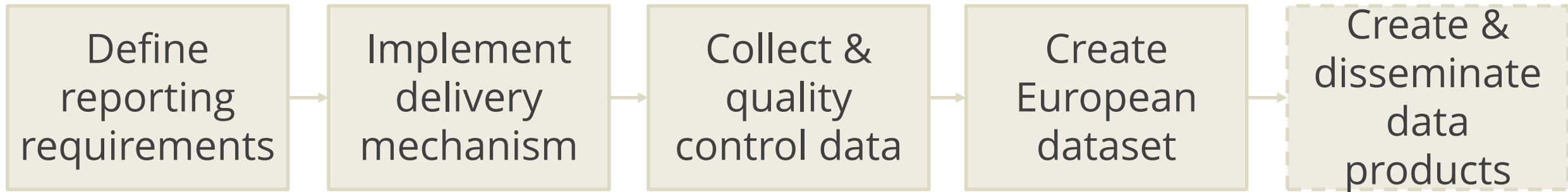# Implementing a dataflow on Reportnet

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Setting up a dataflow

A basic view of the steps

| Define reporting requirements	→	Implement delivery mechanism	→	Collect & quality control data	→	Create European dataset	→	Create & disseminate data products

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1. Define reporting requirements

- Translate legal text into IT-specification

- EEA, ETC (and COM)

- Who, when and to whom?

- Fields and values, reference data?

- Workflow, quality control?

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2. Implement delivery mechanism

- Implement specification in Reportnet

- Add reporting obligation

Who: XX
When: YY
To whom: ZZ

Reporting obligations

Components: ROD

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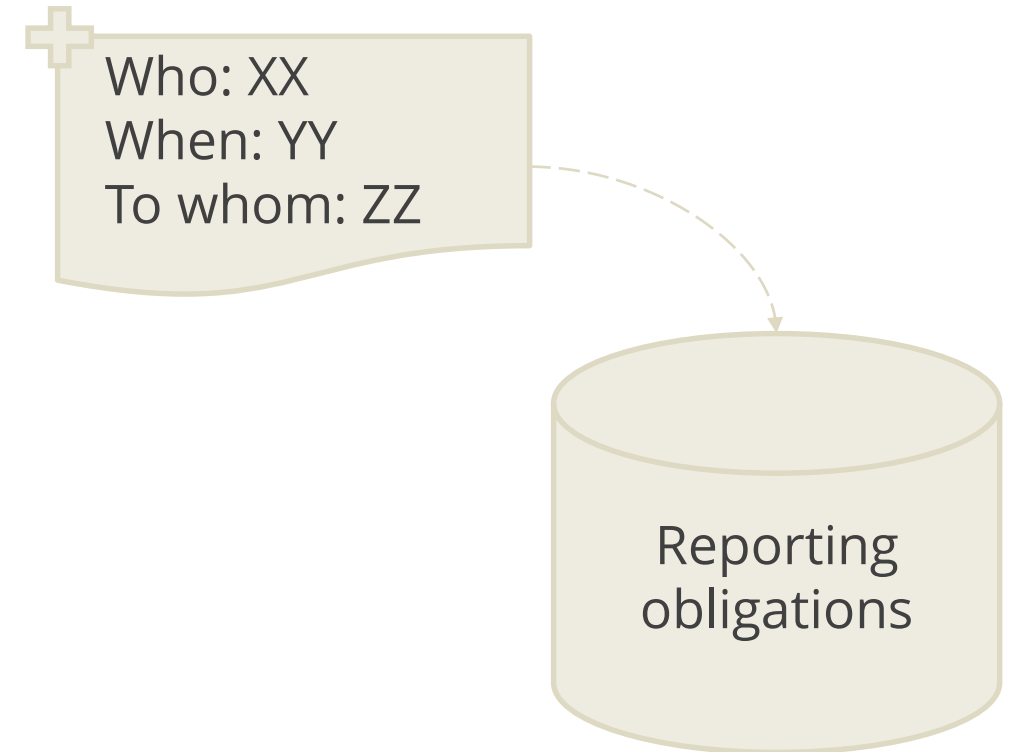
2. Implement delivery mechanism

- Basic setup: XML-file upload

- Schema definition

- Reference data

```xml
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3...
  <xs:element name="derogations">
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="derogation"…
      </xs:sequence>
      <xs:attribute name="country"…
      <xs:anyAttribute namespace="…
    </xs:complexType>
</xs:element>
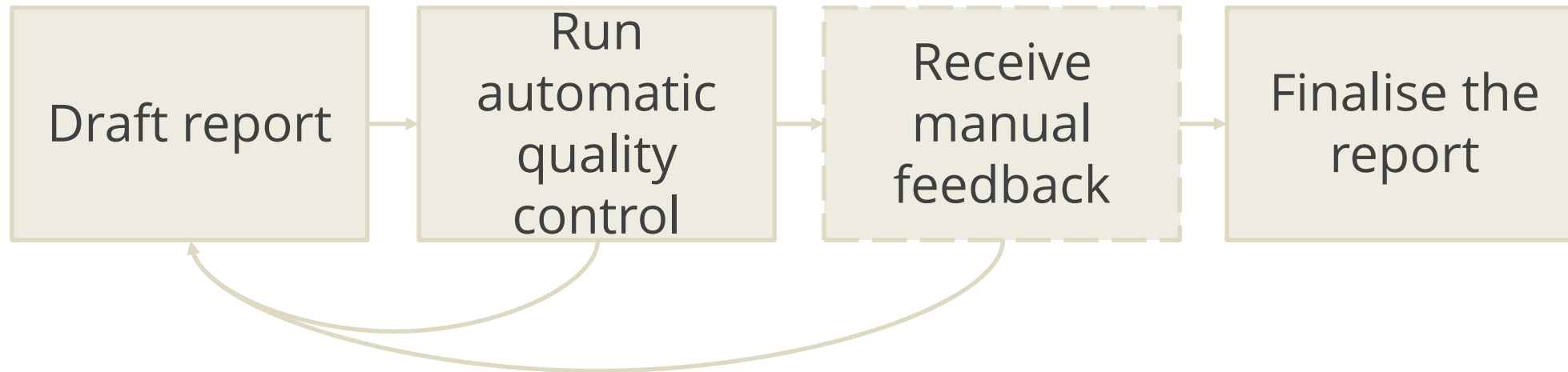```

*Components: DD*

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# 2. Implement delivery mechanism

- Tools to help the entities reporting
  - Spreadsheet templates
  - MS Access database templates
  - Webforms
  - More complex software

*Components: DD, WebQ*

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## Set up the reporting workflow



Draft report → Run automatic quality control → Receive manual feedback → Finalise the report

*Components: CDR*

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# 2. Implement delivery mechanism

- Implement automatic quality control
  - Schema validation, Xquery

- Reporting guide


*Components: XMLCONV*

# 3. Collect & quality control data

- Notification on opening

- Reporter follows workflow to upload file(s)

- Receives QC feedback (auto & manual)

- Main step for helpdesk involvement

*Components: CDR, XMLCONV*

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# 4. Create European dataset

- All* reports available

- A product itself & to create products

- Harvested and inserted into DB in CW

- Published on the EEA Data & maps website

*Components: CDR, CW*

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# 5. Create & disseminate data products

- Not part of "Reportnet"

- Many activities over time

- Examples: policy evaluation reports, indicators, maps and data visualisations

*Components: Other*

## Process and Reportnet components

| Define reporting requirements | → | Implement delivery mechanism | → | Collect & quality control data | → | Create European dataset | → | Create & disseminate data products |
|---|---|---|---|---|---|---|---|---|

| Manual work | DD, WebQ, CDR, XMLCONV | CDR, XMLCONV | CDR, CW | CW, Other |
|---|---|---|---|---|

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