APPENDIX 2:
Data model diagrams of the information required by the Deforestation Regulation

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Introduction

In the development project "Deforestation regulation information flow in the food chain" compiled under the Food Data Finland Growth Engine program, a solution proposal was prepared, which examines the requirements of the EU Deforestation Regulation (EUDR) for the production, collection and transmission of information about products. The Solution Proposal describes the production and distribution processes of two commodities subject to the regulation (cattle and cocoa) from the perspective of information flows. The document provides an overview of what type of information required by the Deforestation Regulation should be collected, produced and shared at different stages of the food chain.

The data model diagrams describe what information needs to be collected, shared, and received, that is required by the Deforestation Regulation at various stages of the food chain. The data flow diagrams described in this attachment were created in the workshops carried out during the development project and the diagram shows the project participants' understanding of data flows at the time of project.

The data model diagrams describe operation chains of the production and distribution process of Finnish beef and outside European union produced cocoa. Diagrams show how information flows are connected to each other, and how information moves between various parts of the food chain.

In the diagrams flows and processes start on the left side of the diagram from primary production where cattle are raised and cocoa farmed. Information shared in the chain includes for example birthplace of the animal, animal keeping location and farms.

The diagrams also show the stages in which the animals / cocoa beans are transported. After this, the raw materials are transferred to processing and manufacturing, where they are converted into products sold to consumers.

Control points are marked in the diagrams, they verify quality and reliability of the process and the product data.

Control point	Point in process where the compliance of the commodities with the regulation is checked
DDS	DD-Statement (Due Diligence Statement) DD-Statements of different lots are numbered DDS1, DDS2, etc.

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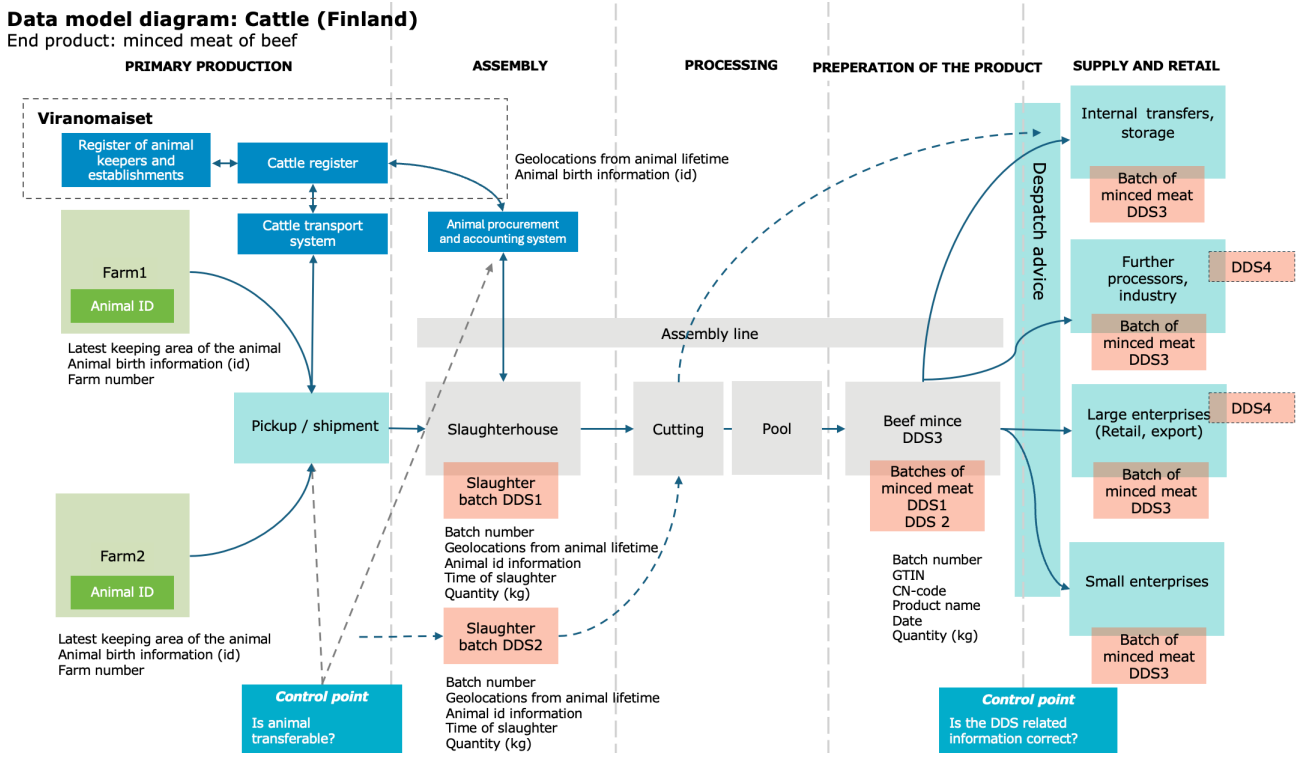
Data flow diagrams

Data flow diagram: Cattle



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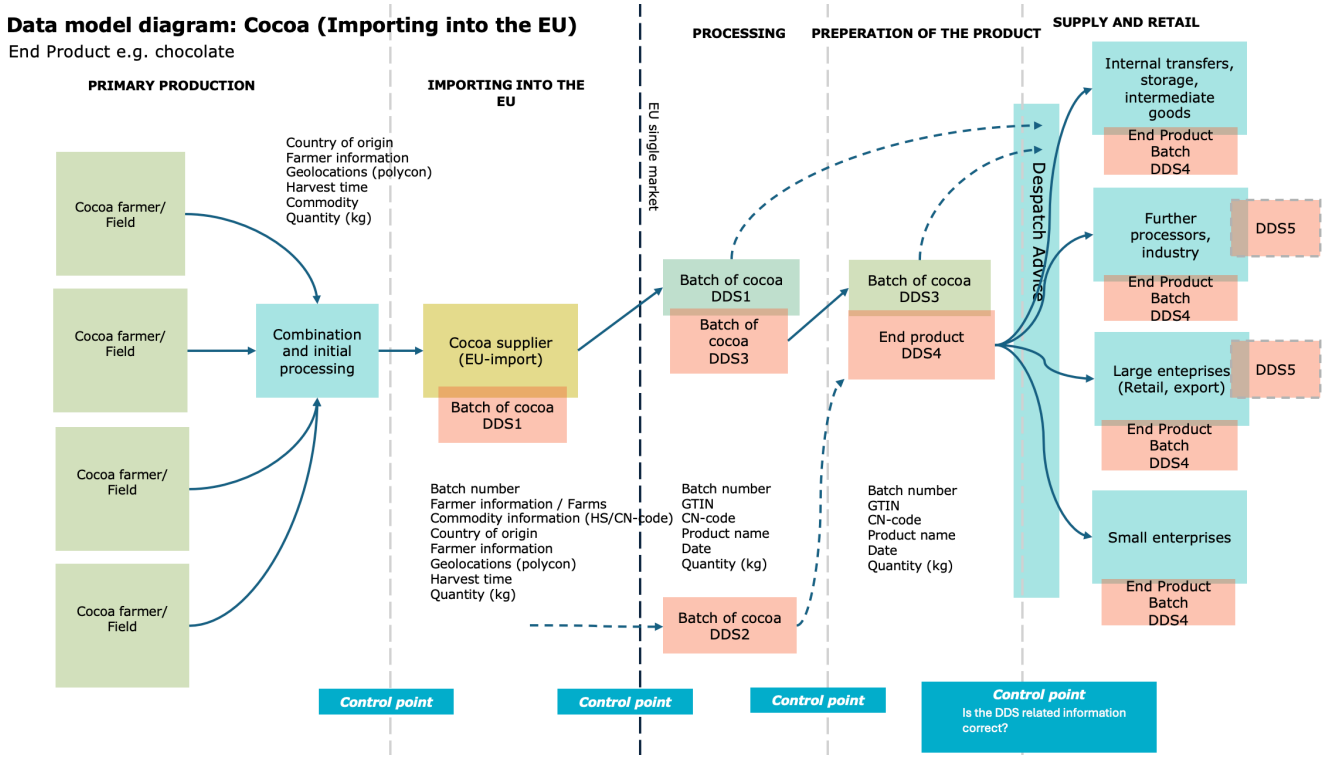
Data flow diagram: Cocoa



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