

## M1 - Sustainability Impact Assessment

### WP 1.2 - Data coordination and validation

## EFORWOOD Database Client

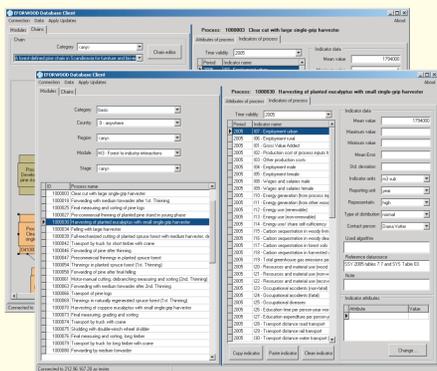
## Software Tool for Internet Based Data Collection

**Clients  
(Module experts)**

The EFORWOOD Database Client is a software tool designed to allow EFORWOOD partners to enter data into the common EFORWOOD database and to design chains

- ➔ is based on client-server technology to enable multiple on-line access to the actual database
- ➔ used to collect data for single FWC
- ➔ approx. 5 clients connected a day
- ➔ consists of two main parts: Data Editor and Chain Editor

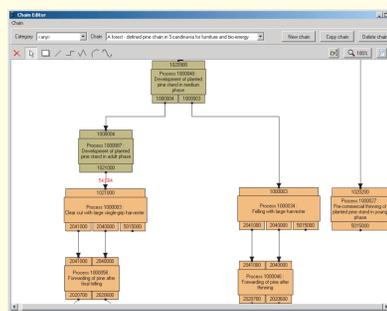
### Data Editor



#### Main features

- ➔ Editing attributes of a process
- ➔ Editing main process attributes
- ➔ Editing input / output products
- ➔ Editing conversion factors
- ➔ Editing indicator values
- ➔ Copying indicator values
- ➔ Pasting indicator values
- ➔ Cleaning indicator values
- ➔ Possibility to select a process by filtering a list of processes or using the graphical representation of a chain

### Chain Editor



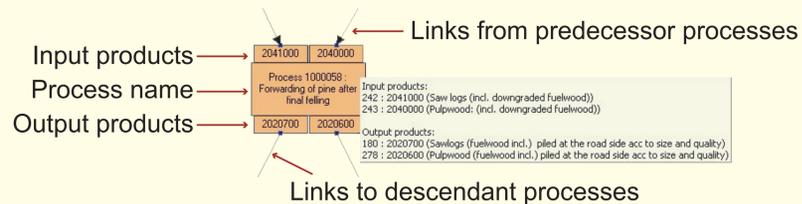
#### Main features

- ➔ Creating new chains
- ➔ Copying and deleting existing chains
- ➔ Zooming the chain structure
- ➔ Printing the chain structure
- ➔ Moving processes within chains
- ➔ Creating new processes
- ➔ Adding existing processes into chains
- ➔ Removing processes from chains
- ➔ Creating new products
- ➔ Editing input / output products to an existing process
- ➔ Adding / deleting links

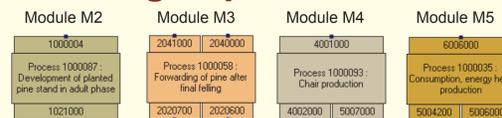
### Data access permission

- **Module data editing permission**  
permission to edit data of a certain module
- **Chain editing permission**  
permission to open the chain editor and work with chains according to their „Chain category permission“ and „Process category permission“
- **Chain category permission**  
permission to create, delete and modify chains of a certain category
- **Process category permission**  
permission to create and modify processes of a certain category
- **Lookup list editing permission**  
permission to edit lookup lists

### Graphical representation of a process



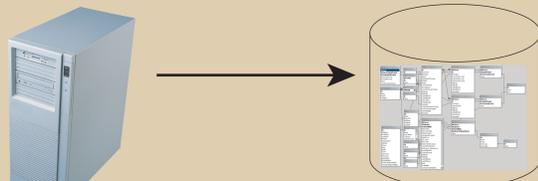
### Coloring of processes



Internet connection

**Application Server**

**EFORWOOD Database**



**ToSIA, Scenarios, ...**

**Application server is an application that provides connection between the clients and the database**

- ➔ runs on a dedicated computer located in IFER
- ➔ accessible via the Internet
- ➔ connected to the actual EFORWOOD database
- ➔ handles multiple simultaneous connections of client applications
- ➔ manages the user permission for each user
- ➔ exports contents of the database in XML format for ToSIA