



Agro



Industry



Construction

Land selection ➔ Land management ➔ Sowing ➔ Growing ➔ Harvesting



Transporting ➔ Storing ➔ Drying ➔ Semi-finished product ➔ Production material



Processing materials ➔ Realised building ➔ Exploitation ➔ Re-use



Who selects
the land?

Who decides
the use of
the land?

Who supplies
the inputs?

Who grows
the crops?

Who
harvests the
crops?

Who
transports
the product?

If necessary,
who owns
storage?

If necessary,
who dries
the product?

Who
processes the
product?

Who
produces
construction
material?

Who applies
the product?

Who owns
the building?

Who is the
end user of
the building?

Who is the
owner of the
materials?

Who's land is
it?

Who sows
the seeds?

Who supplies
harvesting
machineries?

Who owns
the means to
transport?

Who owns
drying
facilities?

Who is
involved in
processing
steps?

Who is
involved in
production
steps?

Who is
involved in
processing
steps?

What's the
intended use
of the
building?

Who
maintains
the building?

Who
manages
recycling
opportunities?

Who designs
the building?

Who decides
about the
criteria?

Who is involved throughout the
biobased value chain?

Who spreads knowledge?

Who conducts research?

Who finances?

Who sets boundaries?

Who does lobbying?



SOIL	CROPS	PRIMARY PROCESSING	PROCESSING	SECONDARY PROCESSING	MATERIALS	COMPONENT PROCESSOR	SYSTEMS	SYSTEM INTEGRATOR	TARGET USE
BUFFER STRIPS <i>along watercourses</i>	FLAX	VERBALS	STRAW BALES	FIBER HEMP PRODUCERS	INSULATION WOOL	PREFAB STRAW BUILDER	PREFAB WALLS	CONTRACTORS	SUSTAINABILITY
QUITTING FARMER	HEMP	MECHANICAL FIBERIZATION	FIBERS <i>(CHOPPED)</i>	FIBER FLAX PRODUCERS	BLOW-IN FIBER <i>(SHREDDED)</i>	PREFAB WOOD FRAME BUILDER	PREFAB FLOORS	ASSEMBLY COMPANIES	RENOVATION
ARABLE FARMER	MISCANTHUS	CHEMICAL	FIBERS <i>(FIBERIZED)</i>	HEMP SHIVES PRODUCTS	BLOW-IN FIBER <i>(FIBERIZED)</i>	INNER WALLS PRODUCER	PREFAB SLOPING ROOFS	INDUSTRIAL HOME BUILDERS	NEW CONSTRUCTION FLEX
WET SOILS	CATTAIL	ORGANIC	CELLULOSE	HEMP LIME PRODUCTS	BLOW-IN CELLULOSE	PREFAB INDUSTRY	PREFAB FLAT ROOFS		NEW CONSTRUCTION HIGH
MIXED FARMING <i>extensification areas</i>	GRAIN STRAW	THERMAL	MYCELIUM	COMPOSITE PLATES PRODUCTION	HARD INSULATION BOARDS	INSULATION COMPANY	PREFAB MODULES		NEW CONSTRUCTION LAND-BOUND
PURCHASED BY GOVERNMENT			SHEDDING/ LOAMING	PLATE PRODUCER	MDF-ALTERNATIVE	MODULE FACTORIES	INTERIOR COMPONENTS		CIVIL ENGINEERING SECTOR
MANAGING AREAS			RESINS/GLUES /FILLERS	CHIPBOARD PRODUCER	CHIPBOARD ALTERNATIVE				NON-RESIDENTIAL CONSTRUCTION
LAND ESTATES					PLASTER ALTERNATIVE				
					BEAM MATERIAL				
					FACADE PANELS				

THE JOURNEY OF BIOBASED FIBERS TO APPLICATION