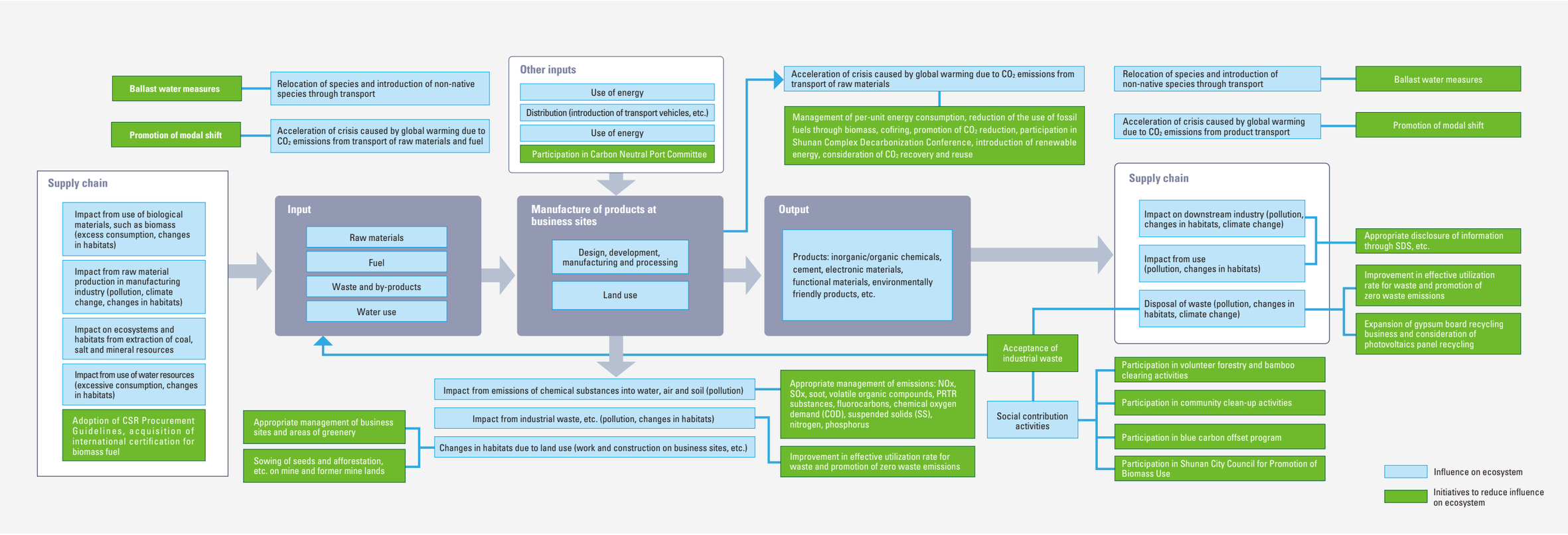
Ballast water measures
Relocation of species and introduction of non-native species through transport
Promotion of modal shift
Acceleration of crisis caused by global warming due to CO_2 emissions from transport of raw materials and fuel
Other inputs
Use of energy
Distribution (introduction of transport vehicles, etc.)
Use of energy
Participation in Carbon Neutral Port Committee
Acceleration of crisis caused by global warming due to CO_2 emissions from transport of raw materials
Management of per-unit energy consumption, reduction of the use of fossil fuels through biomass, cofiring, promotion of CO_2 reduction, participation in Shunan Complex Decarbonization Conference, introduction of renewable energy, consideration of CO_2 recovery and reuse
Relocation of species and introduction of non-native species through transport
Ballast water measures
Acceleration of crisis caused by global warming due to CO_2 emissions from product transport
Promotion of modal shift
Supply chain
Impact from use of biological materials, such as biomass (excess consumption, changes in habitats)
Impact from raw material production in manufacturing industry (pollution, climate change, changes in habitats)
Impact on ecosystems and habitats from extraction of coal, salt and mineral resources
Impact from use of water resources (excessive consumption, changes in habitats)
Adoption of CSR Procurement Guidelines, acquisition of international certification for biomass fuel
Input
Raw materials
Fuel
Waste and by-products
Water use
Manufacture of products at business sites
Design, development, manufacturing and processing
Land use
Output
Products: inorganic/organic chemicals, cement, electronic materials, functional materials, environmentally friendly products, etc.
Supply chain
Impact on downstream industry (pollution, changes in habitats, climate change)
Impact from use (pollution, changes in habitats)
Disposal of waste (pollution, changes in habitats, climate change)
Appropriate disclosure of information through SDS, etc.
Improvement in effective utilization rate for waste and promotion of zero waste emissions
Expansion of gypsum board recycling business and consideration of photovoltaics panel recycling
Acceptance of industrial waste
Social contribution activities
Participation in volunteer forestry and bamboo clearing activities
Participation in community clean-up activities
Participation in blue carbon offset program
Participation in Shunan City Council for Promotion of Biomass Use
Impact from emissions of chemical substances into water, air and soil (pollution)
Impact from industrial waste, etc. (pollution, changes in habitats)
Changes in habitats due to land use (work and construction on business sites, etc.)
Appropriate management of business sites and areas of greenery
Sowing of seeds and afforestation, etc. on mine and former mine lands
Appropriate management of emissions: NOx, SOx, soot, volatile organic compounds, PRTR substances, fluorocarbons, chemical oxygen demand (COD), suspended solids (SS), nitrogen, phosphorus
Improvement in effective utilization rate for waste and promotion of zero waste emissions
Influence on ecosystem
Initiatives to reduce influence on ecosystem