Lifestyles of the early 21st century are safeguarded. But the abundance of goods consumes a great deal of energy and materials with a potentially high environmental impact. Society places its trust in its ability to manage and even repair social and ecological systems with more material and financial resources to maintain a liveable world. This exclusive reliance on technology is a gamble, as some of them are not mature.

**SCENARIO 4: RESTORATION GAMBLE**

Technological levers to support productive and specialised bioeconomic sectors
- Agriculture and agri-food industries are highly specialised and competitive.
- The use of lignocellulosic biomass and wood waste for energy recovery is promoted.
- Profound changes in the forestry landscape (felling of deciduous trees and replanting with conifers).

Energy efficiency and technical innovation
- Development of large cities and land degradation in connection with the search for “ever more” comfort and safety.
- Improved efficiency of equipment and emergence of new highly efficient technologies.
- Digital technology is embedded in vehicle drivetrains and management of mobility.

Decarbonisation of industry focused on geological CO₂ capture and storage
- Major role of imports in a globalised world in favouring trade in materials.
- Exploitation of natural resources and recycling pushed to the limit due to advanced technologies.

High electrification and massive use of offsets

Necessary development of technological carbon sinks

Strong development of CCS in industry (41 Mt CO₂/year) throughout France due to development of the necessary infrastructure.
- Wide-scale use of bioenergy with carbon capture and storage (BECCS) (25 Mt CO₂/year).
- Implementation of CO₂ capture and storage from the air (DACCS) (27 Mt CO₂/year), requiring high energy consumption (6% of electricity consumption).

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