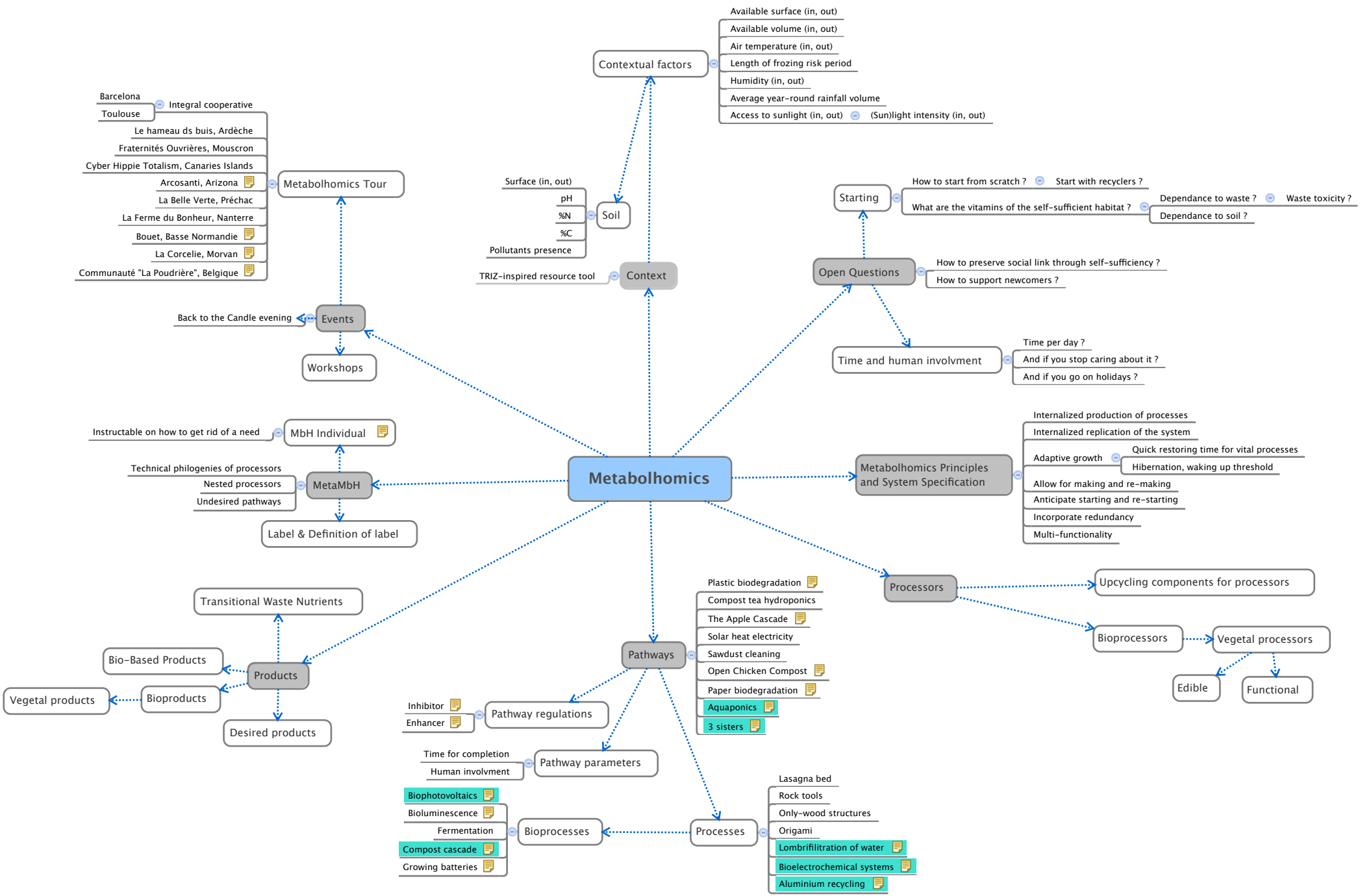
Metabolhomics
Contextual factors
Available surface (in, out)
Available volume (in, out)
Air temperature (in, out)
Length of frozing risk period
Humidity (in, out)
Average year-round rainfall volume
Access to sunlight (in, out)
(Sun)light intensity (in, out)
Context
Soil
Surface (in, out)
pH
%N
%C
Pollutants presence
TRIZ-inspired resource tool
Open Questions
Starting
How to start from scratch ?
Start with recyclers ?
What are the vitamins of the self-sufficient habitat ?
Dependance to waste ?
Waste toxicity ?
Dependance to soil ?
How to preserve social link through self-sufficiency ?
How to support newcomers ?
Time and human involvment
Time per day ?
And if you stop caring about it ?
And if you go on holidays ?
Metabolhomics Principles and System Specification
Internalized production of processes
Internalized replication of the system
Adaptive growth
Quick restoring time for vital processes
Hibernation, waking up threshold
Allow for making and re-making
Anticipate starting and re-starting
Incorporate redundancy
Multi-functionality
Processors
Upcycling components for processors
Bioprocessors
Vegetal processors
Edible
Functional
Pathways
Plastic biodegradation
Compost tea hydroponics
The Apple Cascade
Solar heat electricity
Sawdust cleaning
Open Chicken Compost
Paper biodegradation
Aquaponics
3 sisters
Pathway regulations
Inhibitor
Enhancer
Pathway parameters
Time for completion
Human involvment
Processes
Lasagna bed
Rock tools
Only-wood structures
Origami
Lombrifilitration of water
Bioelectrochemical systems
Aluminium recycling
Bioprocesses
Biophotovoltaics
Bioluminescence
Fermentation
Compost cascade
Growing batteries
Products
Transitional Waste Nutrients
Bio-Based Products
Bioproducts
Vegetal products
Desired products
MetaMbH
Technical philogenies of processors
Nested processors
Undesired pathways
Label & Definition of label
MbH Individual
Instructable on how to get rid of a need
Events
Back to the Candle evening
Workshops
Metabolhomics Tour
Barcelona
Toulouse
Integral cooperative
Le hameau ds buis, Ardèche
Fraternités Ouvrières, Mouscron
Cyber Hippie Totalism, Canaries Islands
Arcosanti, Arizona
La Belle Verte, Préchac
La Ferme du Bonheur, Nanterre
Bouet, Basse Normandie
La Corcelie, Morvan
Communauté "La Poudrière", Belgique