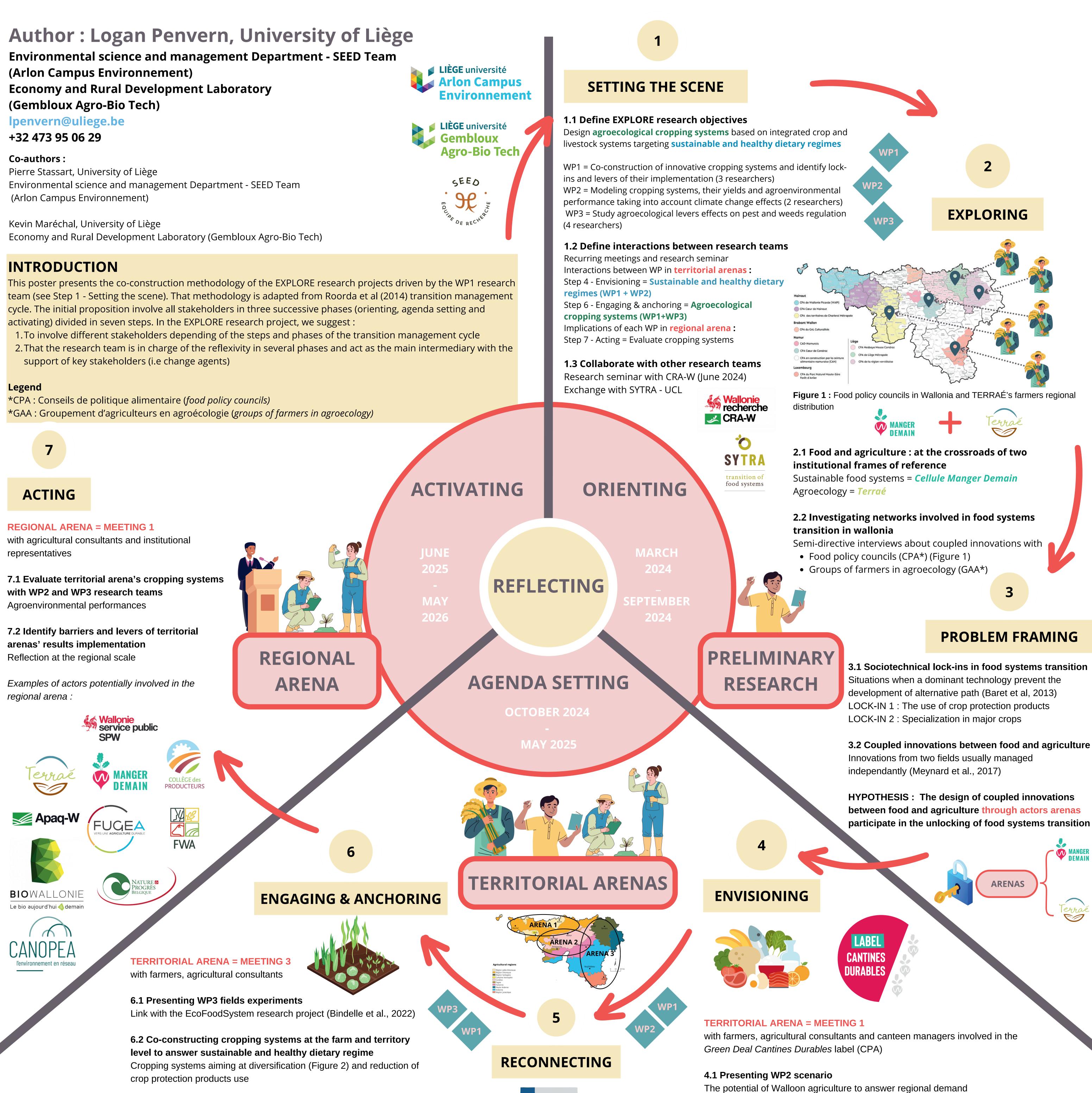
Bypassing lock-ins preventing from innovation in cropping systems through co-construction: preliminary results of EXPLORE research project in Wallonia (Belgium)



that are grown in close proximity crops that are grown on the that are grown in successive same land-area within a year years on the same land-area within the same land-area area and over time

Figure 2: From low diversity cropping systems to diversified cropping systems by means of intercropping, multiple cropping and/or extended rotations (From Messéan et al., 2021)

References

Low diversity rotation

increasing the number of crops

Transition management in the urban context-guidance manual.pdf

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Distinguishing:

Combining crop practices:

increasing the number of increasing the number of crops using several diversification



Examples of intermediaries potentially involved in territorial

with farmers, agricultural consultants and intermediaries

5.1 Co-constructing actor networks models to stock,

TERRITORIAL ARENA = MEETING 2

transform and distribute selected crops

Improvement of existing value chains

Creation of new value chains

Based on existing initiatives

arenas' second meeting:





following TYFA dietary regime (Poux and Aubert, 2018; Table 1)

4.2 Selecting crops that could be locally produced to answer sustainable and healthy dietary regime

| Intake | Total | energetics | protein | carbohydrate | lipidic | sugar | fibre |
|-------------------------|-------|------------|---------|--------------|---------|-------|-------|
| | g/day | Kcal | g/day | g/day | g/day | g/day | g/day |
| Cereals | 300 | 1047 | 32 | 197 | 9 | 6 | 21 |
| Oleaginous | 34 | 306 | 0 | 0 | 34 | 0 | 0 |
| Fruits and vegetables | 400 | 331 | 11 | 23 | 18 | 19 | 11 |
| Potatoes | 80 | 65 | 2 | 13 | 0 | 1 | 1 |
| Sugar | 23 | 92 | 0 | 23 | 0 | 23 | 0 |
| Legumes | 30 | 100 | 8 | 15 | 0 | 0 | 2 |
| Meat | 92 | 165 | 17 | 0 | 17 | 0 | 0 |
| Fish caught | 10 | 16 | 2 | 0 | 1 | 0 | 0 |
| Dairy products | 300 | 137 | 4 | 0 | 0 | 0 | 0 |
| Eggs | 10 | 14 | 1 | 0 | 0 | 0 | 0 |
| Sweet beverages | 204 | 79 | 1 | 16 | 0 | 16 | 1 |
| Alcoholic beverages | 14 | 101 | 0 | 20 | 0 | 20 | 0 |
| Total with beverages | | 2265 | 82 | 286 | 82 | 64 | 36 |
| Total without beverages | | 2445 | 83 | 323 | 82 | 100 | 37 |