Synthesis Map: Chain System Integration: Chain System Synthesis Map: Chain System Integration: Integration: Urban and Rural First Belt and Second Belt Project Site and Case Studies city core Urban Project Site - integration of citizens Case Studies Rural ··integration of products — integration of farmhouses First Belt Second Belt Urban Rural (2nd Belt) Project Site (Macconago) Case Studies Selected Casine Selected Lands

Phase 1 city center production units: local market transportation hub production units: -vegetable innovation corridor storage un ecologic corridor connection lines experimental seed area (production) adaptive reuse (research center) acquaponic system (production) 🖔 cascina nosedo (transportation hub)

Strategy Map

Phase 2 city center production units: local market transportation hub production units: -yoghurt biodiversity conservation production units: -vegetable innovation corridor storage units ecologic corridor connection lines cascina campazzo cascina gaggioli experimental seed area (production) adaptive reuse (research center) acquaponic system (production) cascina nosedo (transportation hub) agrivis (storage)

3 main elements for chain system:

- transportation hub (zero kilometer):

to create an environmentally friendly transportation center, in communication with the city center and with a zero kilometer approach, and to pump basic needs such as food and water to the city center.

- ecologic corridor (entegratation):

these corridors follow the waterway tracks and form an environmentally friendly transportation network between farms. This corridor can be considered as a tree-lined walking route as well as a road where products are transported. These corridors will be repeated under the same strategy according to the location of the farms and waterways that will be associated with each phase of the project.

- innovation corridor:

this corridor is the direct connection point from the city center to Macconago region. This line was decided after the results of the transportation and land use analysis. It has been understood that this network is surrounded by many educational structures as well as being a direct connection line to reach Macconago from city center. It constitutes a baseline used by researchers, educators, and citizens interested in the production and research units to be designed in the Macconago area.



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