Project Proposal: **Cooperative "Organic Cycle" - Exchange of Urban Community Organic Waste for Agricultural Products**

**Project Goal:**

The goal of this project is to establish a sustainable and closed-loop exchange system in which the local community transfers its organic waste to agricultural enterprises in exchange for fresh agricultural products. This system will help reduce waste and support local production.

**Project Description:**

**Organic Waste Collection:**

- Cooperative members will collect organic waste in special paper bags or envelopes made from recycled paper, which are easy to carry and dispose of.

- Containers for organic waste collection will be placed in secured locations (various options can be considered).

**Exchange System Organization:**

- Agricultural enterprises will receive the collected organic waste to be used as compost or animal feed.

- In return, cooperative members will receive discounts on a selection of agricultural products (e.g., vegetables, fruits, dairy products) and will have the option to pre-order these products through a web application.

**Access Algorithm**:

- A special algorithm will be developed to restrict participation in the waste collection system to members of the local community who have contractual agreements with the agricultural producers.

- The algorithm will verify user participation through an app or digital platform, confirming their status as cooperative members.

**Benefits for Participants:**

- Reduction of waste and a lower environmental footprint.

- Access to fresh, eco-friendly products directly from producers.

- Strengthened ties within the local community and support for local agriculture.

**Financial Model:**

- The project can be funded as a startup, with the possibility of initial membership fees or partnerships with local businesses.

- Revenue from product sales can be reinvested into the development of the waste collection and exchange system (various organic waste processing methods, such as composting, anaerobic digestion, or breeding of Californian worms or black soldier fly larvae, can be considered).

**Conclusion:**

This cooperative will create a new way of managing organic waste, combining environmental, economic, and social benefits, ensuring sustainable development and strengthening local communities.

The project can be expanded by involving local authorities, educational institutions, and private companies, which will enable the creation of a more efficient and integrated system.