Polli Horticultural Research Centre is a structural unit of Institute of Agricultural and Environmental Sciences of Estonian University of Life Sciences. Polli has been the centre of fruit breeding and cultivation technologies for 70 years.

Centre is the preserver of fruit and berry varieties with the unique collection in Estonia which consists of more than 1100 different cultivars. More than 100 cultivars are bred by the researchers of Polli Horticultural Research Centre.

Beside breeding, experimental plots, plant nursery and contemporary storage facilities, centre has two units to implement the results of research in product development with private entrepreneurs.

Polli fruit and berry Product Development centre is the learning, testing and development laboratory, established in May 2009 during the Estonian and Latvian project "Good Fruit". The laboratory of primary processing of horticultural products offers contemporary product development possibilities for private entrepreneurs.

Competence Centre for Knowledge-Based Health Goods and Natural Products, initiated with the partners from institutes, private and public sector organisations, co-financed by EU Structural Funds, is unique in Estonia as its main field of activity lies in the research and development of health goods and natural products using modern, high-technology methods, including extraction of bioactive ingredients of plant origin, that are used in functional foods, eco-cosmetics, household chemicals and pharmaceuticals.

Polli Horticultural Research Centre welcomes cooperation with private entrepreneurs, universities and other research institutions on the following focus areas:

- Breeding of apple and black currant varieties
• Developing the whole production chain of sea buckthorn from breeding and growing technologies to marketability products
• Developing extraction technologies of bioactive ingredients from plant-origin raw material
• Developing dehydration and concentration technologies
• Developing chromatography analysis capability

We are interested in developing cooperation with the Jinan University Department of Food Science and Engineering. They have good cooperation and student exchange programs with Turu University in Finland. We discuss the cooperation possibilities on the field of the production chain of sea buckthorn with the University of Turu now.

Very interesting cooperation partner would be for us also the College of Horticulture and Landscape Architecture of SWU
http://yyyl.swu.edu.cn/english/indexen.php

In addition to the advantage of small flexible system of laboratories and possibility to make research of varieties, agro-technology, storage and processing technologies of plant origin raw material with the support of modern biochemistry and microbiology laboratories, we offer good working and accommodation possibilities in our new contemporary facility.

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