



Sustainable farming in Lviv oblast (the Zakhidnyi Buh river basin)

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Zakhidnyi Buh river basin (Ukraine, Bielorus, Poland)

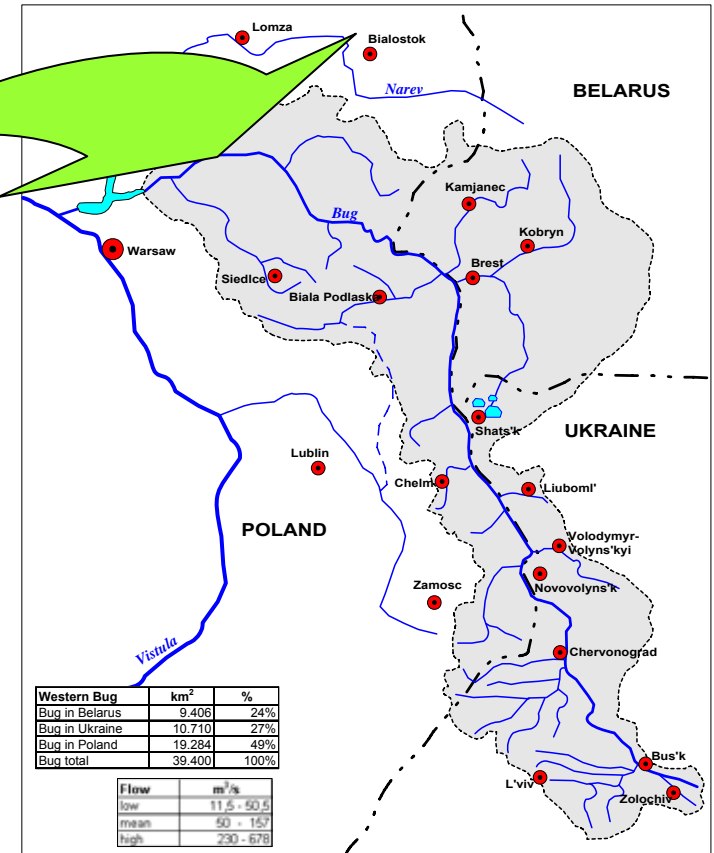


Zakhidnyi Buh river

- length 831 km
- height of river head above the sea level 350 m
- basin square 73 500 km²
- river head – village of Verkhobuzh (Ukraine)



Zakhidnyi Buh river basin (Ukraine, Bielorus, Poland)



Nature and resource potential of the region

Structure of the nature and resource potential of Lviv oblast ,
%

Resource potential	Ukraine	Lviv oblast
Mineral	28,3	22,5
Water	13,1	22,7
Land	44,4	29,2
Forest	4,2	11,1
Fauna	0,5	0,2
Recreation	9,5	14,3

Nature and resource potential of the region

- Natural fertility of local soils is less than the average one in Ukraine
- The region typical feature is the variety of soils – the neighboring land strips have non-similar soil characteristics
- Natural and climate conditions cause different specialization of agricultural farms and different technologies

The state of agriculture management in Lviv oblast

(the Zakhidnyi Buh river basin)

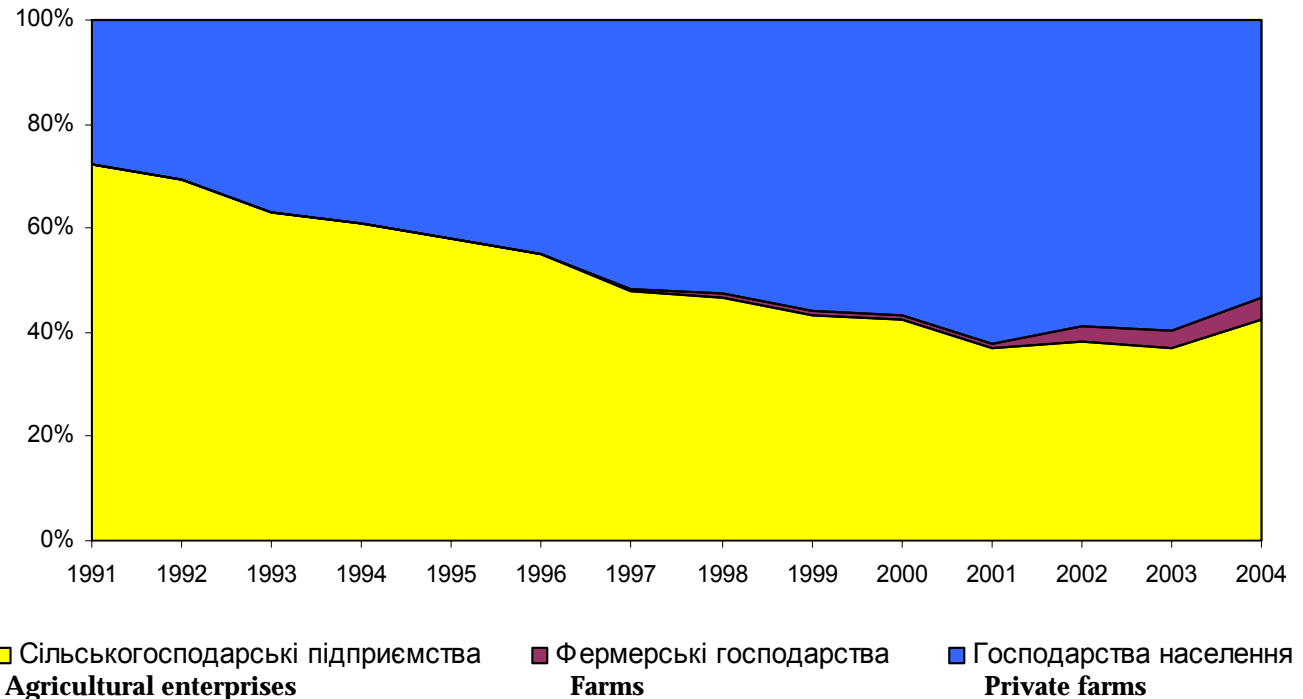
Agriculture in the basin has its own, different from the all-Ukrainian, peculiarity:

- developed small agriculture farms that can not compete with large food stuff suppliers;
- unemployment in villages (about 200 thousand in Lviv oblast alone);
- development of subsidiary farms in which 96.5% milk products and 98% vegetables are produced;

Factors for development of private farms :

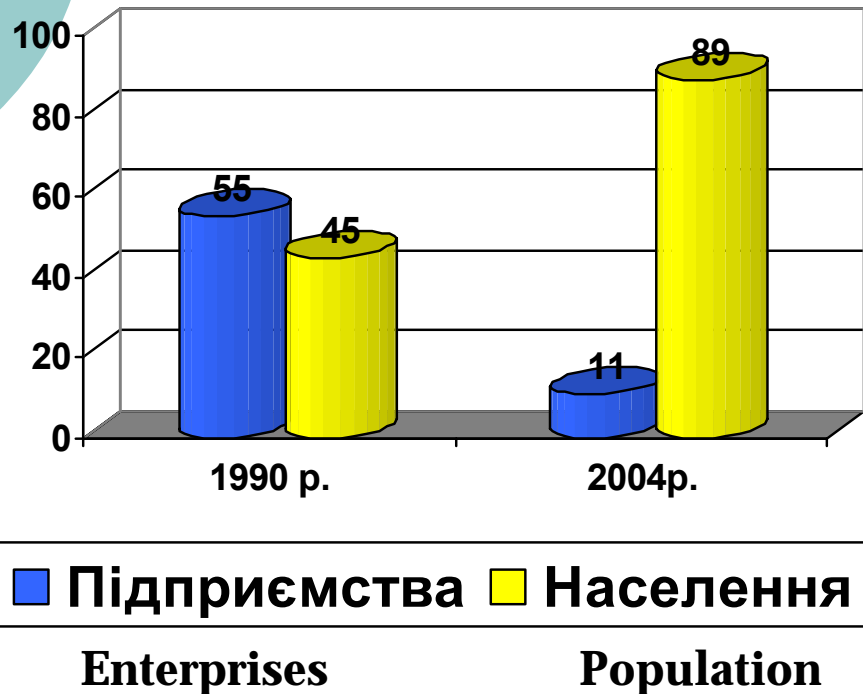
- significant excess of labor force in villages;
- hopes of village inhabitants to get profit from farming

Structure of gross production of agriculture products by farm categories



Can the sustainable development tendencies in the Zakhidnyi Buh river basin strengthen and develop at such a structure?

Unsatisfactory structure of production



- ❖ majority of agriculture products are produced by population ;
- ❖ very simple (primitive) technologies and incompatibility with agribusiness ;
- ❖ no prospects ;
- ❖ coastal regions have no special status

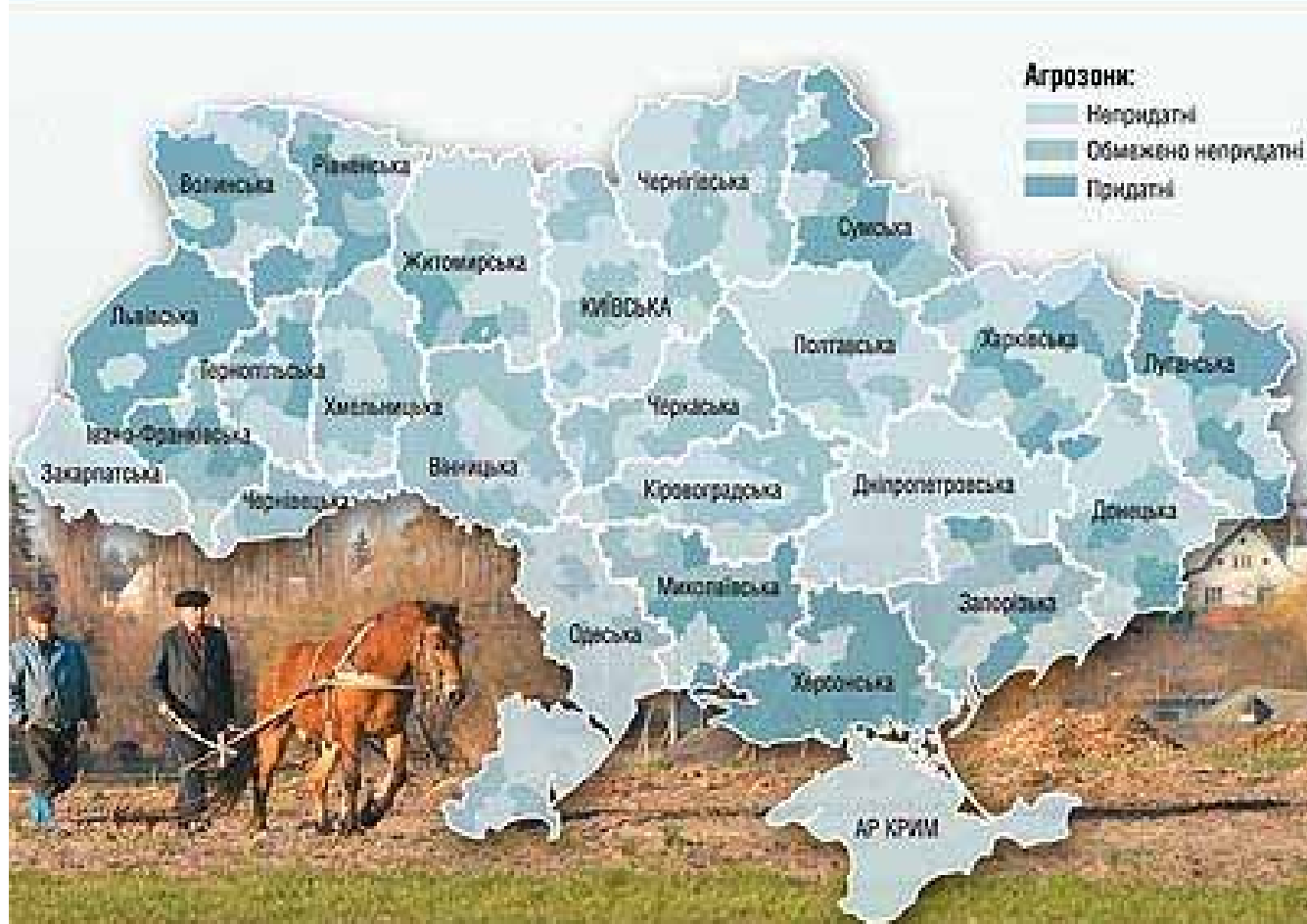
Unsatisfactory structure of production

Causes:

- Fragmentation of large agricultural farms at significant shortage of land use;
- A sharp decrease of production or its complete failure at large enterprises;
- Priority in development of private farms and significant increase of land use by them.

Place of Lviv oblast in the general usefulness of the territory of Ukraine for sustainable farming

Зони, придатні для вирощування екологічно чистої продукції



Prediction:

It is foreseen by the Strategy of the Lviv oblast development for the period to 2015 and Draft Program of development of rural territories of Lviv oblast to 2015 in order to provide sustainable development of rural territories to perform the following:

- **“...balanced use of natural resources with a corresponding level of restoration, conservation of the Zakhidnyi Buh river ecosystem variety and minimization of agriculture impact”.**

Minimization of the agriculture impact on nature due to :

- **Development of organic farming;**
- **Use of crop rotation**
- **Gradual refuse of chemicals in farming, restriction in the use of nutrients , synthetic food admixtures, pesticides**

**Development of organic farming in Ukraine proceeds
with no formulated legal framework!!!**

Therefore there are two ways to organic farming:

- **ideological (conscious according to one's convictions);**
- **economic (guaranteed sale, additional profit).**

Risks and problems of organic farming in Ukraine

- **absence of legal and normative base;**
- **partial loss of the crop in the transitional period is connected with decrease of output (for enterprises that used intensive technologies);**
- **lack of government financing when producing stuff of organic farming;**
- **low technology of agriculture production;**
- **poor awareness of public and producers on the advantages of organic farming and its products.**

The process of organic farming in Lviv oblast

The process of organic farming started thanks to the efforts of enthusiasts who:

- give all their forces for popularization of organic farming;
- work as consultants with producers of agriculture products
- lobby organic products on the home and foreign markets.

In this connection the activity of the CCB network in Ukraine, directed at the development of organic farming in rural regions of the basin is the important element of the region sustainable development

Thank you for attention!!!

