

SUN ENERGY – FOR KYRGYZSTAN



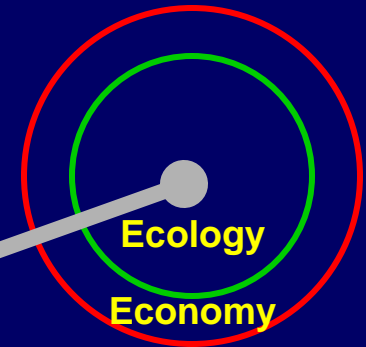
Norwegian Society of
Environmental
Protection



PROJECT THEORETICAL BASES

“Carbon” Economy

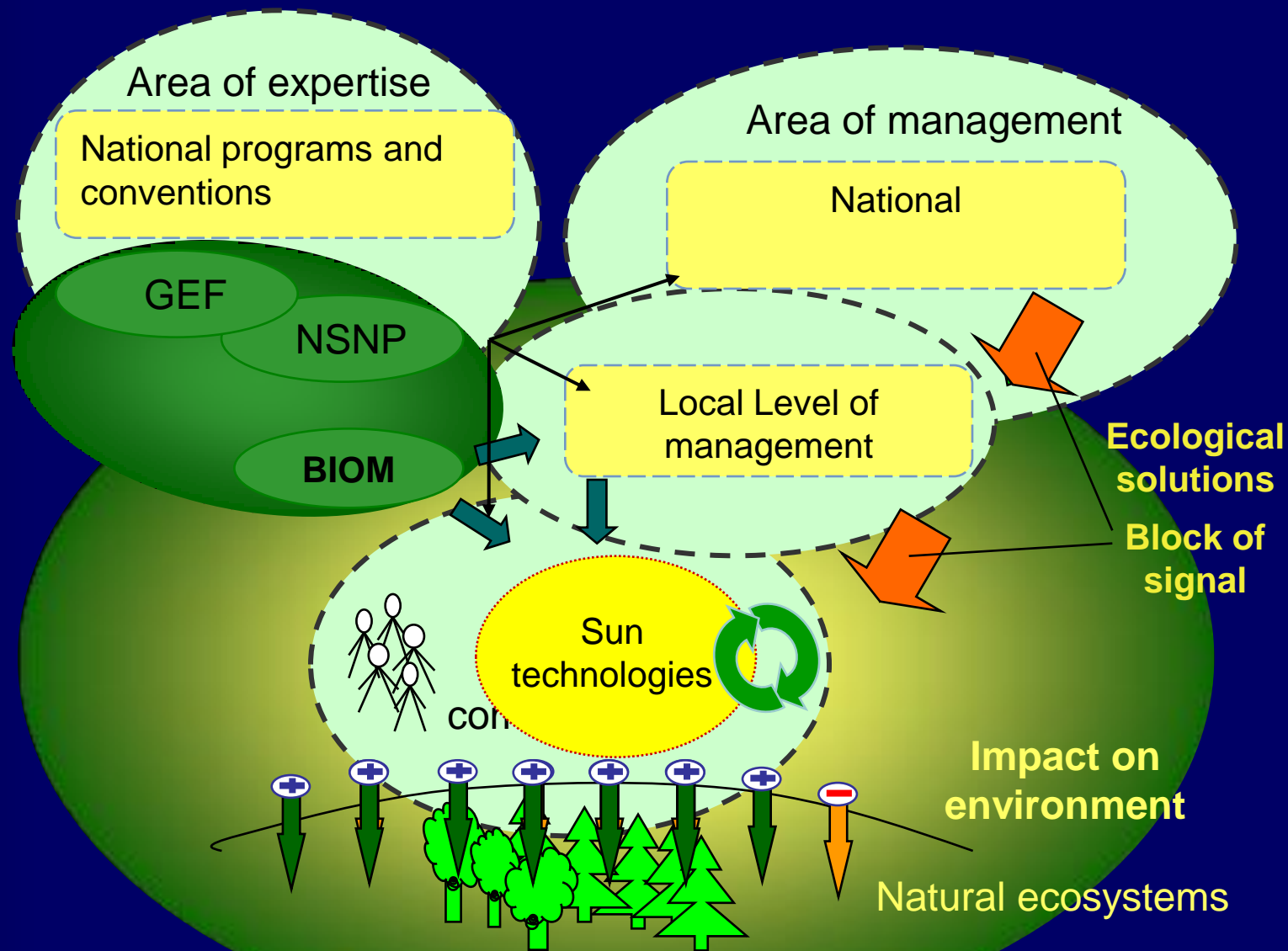
- Energetic supply of civilization due to **unrenewable** resources of former biospheres (oil, gas).
- Open cycles of flows of energy and resources



“Sun” economy

- Energetic supply of civilization due to **renewable** resources (sun, hydrogen).
- Insularity of cycles of flows of energy and resources

THE ROLE OF THE PROJECT IN IMPROVEMENT OF ECOLOGICAL SITUATION



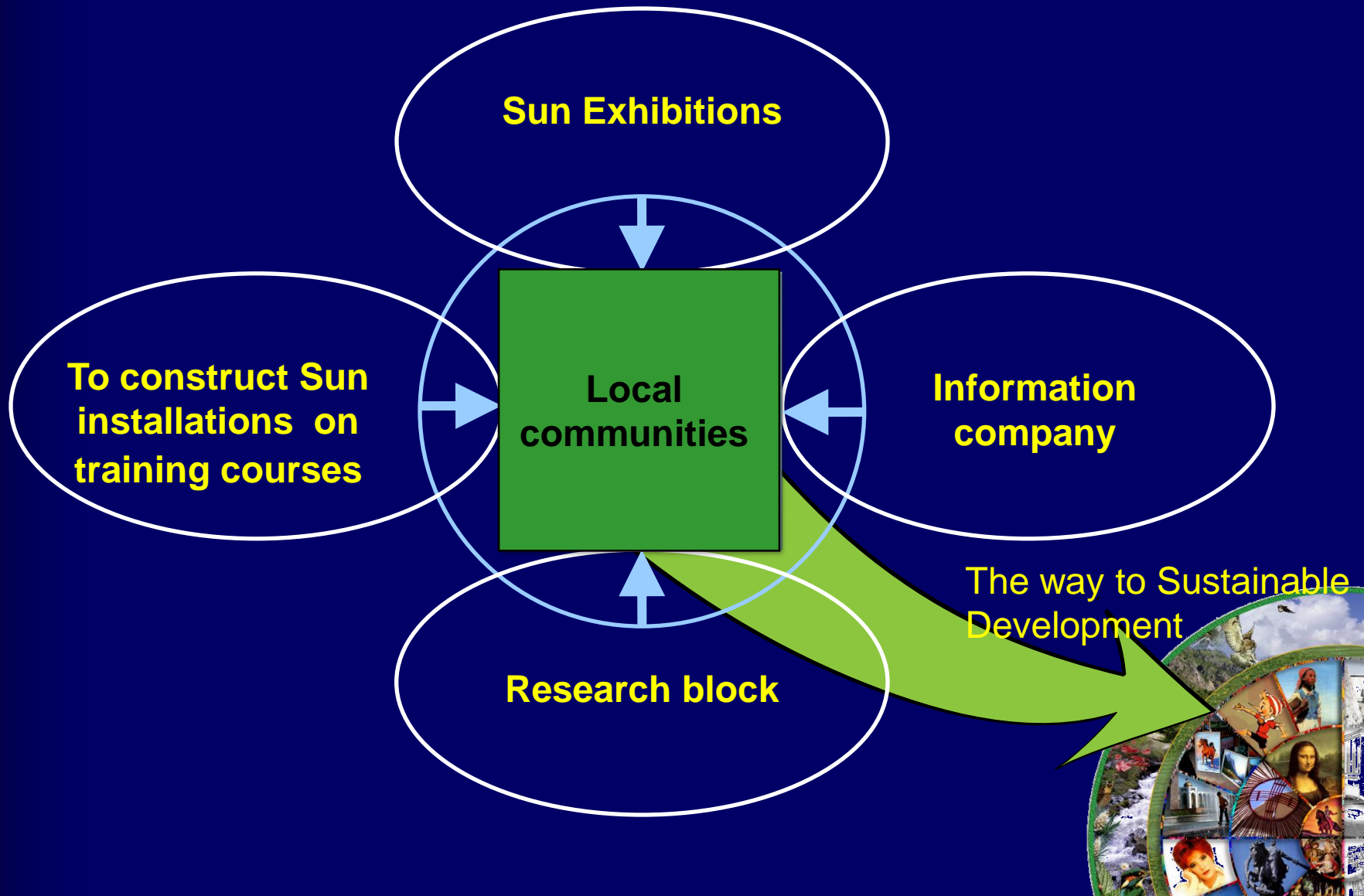
THE GOAL OF PROJECT

To promote reduction of greenhouse gases emissions through enhancement of Kyrgyzstan's population potential in the sphere of solar energy utilization

THE TASKS OF THE PROJECT

- Reduction of cutting forests and using wood for heating and cooking
- Improvement of social conditions and quality of life
- Reduction of level of catarrhal diseases among women and children
- Save wild ecosystem
- Improvement ecological safety for family in local community

PROJECT OBJECTIVES



TRAINING COURSES IN VILLAGES

- our main focus is creation of individual sun installations for families living in villages



TESTING OF SUN INSTALLATIONS

- After seminars the participants look how this technology is working and decide how to distribute this installation in the village

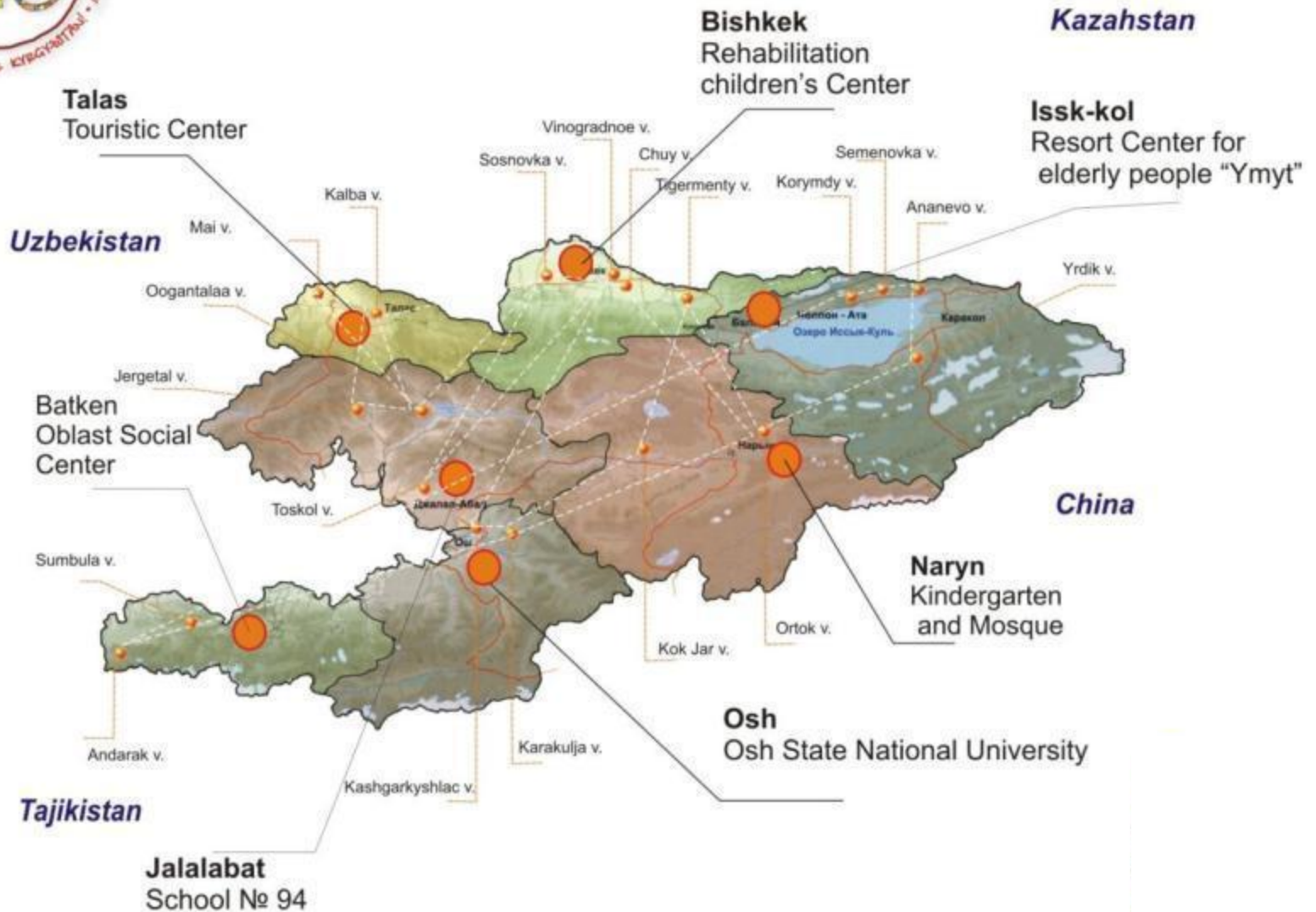
SUN EXHIBITION

- Project exhibition was established in every region of Kyrgyzstan, where visitors can see a wide range of solar stations. Exhibitions are placed in the socially important territories such as kindergarten, tourist centre, mosque, children's home etc





Sun Net in Kyrgyz Republic



SUN INSTALLATIONS

To develop and adapt foolproof technology of sun installations which are low costs and accessible materials



SUN INSTALLATIONS

Plastic Sun Collector



SUN INSTALLATIONS

Bach heater and Sun Pasteurizer



INFORMATION CAMPAIGN

Issuing of information materials:

- Brochure on using of sun energy in Kyrgyzstan
- Manual on creation of sun installations
- Issuing of posters, T-shirts, bags, etc.
- We issued more than 10 news video-plots, more than 20 articles in printing and electronic mass-media



RESULTS

- During project realization we provided more than 600 consultations to diverse interested persons and organizations, who applied to us
- We speeded knowledge about possibilities and practical examples of using sun energy among population of all regions of Kyrgyzstan.
- We educated more than 300 people to use methodic of self-construction of sun installations
- We created demonstrational – functioning installation
- We developed and distributed informational materials

RECOMENDATION

Global context

- Including in Clean Development Mechanism the ecosystem principles, as a main nature mechanism of climate regulation,

National and regional context

- Lobbying for governmental support and benefits for producers of ecologically clean technology;
- Informing of representative authorities about international instrument of solving ecological problems (because all information to collected in Ministry for environmental protection);
- Expansion of market sun the in CA;
- Focus on conservation of the wild ecosystems as mechanism of climate regulation.

Local context

- To develop foolproof technology of sun installations which are low costs and accessible materials

THANKS FOR YOUR ATTENTION!

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