

Name: _____

Human-Environment Design Project

In your groups, you will design a project that takes into account human needs (economic, social, living space, etc.) and environmental friendliness.

In your design project you must:

- **Identify the purpose of the project.** What benefits will people gain from this project? (the Chicago River was reversed to improve the health of the citizens of Chicago)
- **Identify the environmental impact of your project. How does your project change and/or use the landscape or protect people from it?** (the Chicago River reversal polluted areas in downstate Illinois, and water is removed from the Great Lakes).
- **Address and minimize the environmental impact of the project** (The amount of water diverted from the river is limited)
- **Show the overall benefit of the project.**

For your design, you will create a Poster Board that will include a **blueprint of what is to be done, statistics that support its positive benefit for the people of your city, state, or country, and its minimal and overall positive effects on the environment.**

The design could be any sort of construction design – local or national in scope. For example:

- Water pipeline to the Southwestern US (Las Vegas, Phoenix, Los Angeles, etc.)
- Oil pipeline through Alaska
- Wind Farm in any location (Montana, off coast of ocean, top of buildings)
- Landfills
- Sewers
- Nuclear Waste Disposal
- Canal/Dam
- Zoo/Aquarium
- Human-made beaches, lakes
- Golf courses
- Any building, road, bridge, etc. – any construction project with human benefits and environmental impacts

The presentation will be a sales pitch to the rest of the class. In this meeting, you need to assume you are trying to get a contract to build your project. The rest of the class will be broken into two groups: The Environmental Protection Agency and potential investors who will finance your project and look to make an eventual profit

You will present your own project and serve in one group or the other and determine which project should be financed. The business leaders will choose the most profitable project, and the EPA will choose the project with the most positive overall environmental impact. Between these two projects, they EPA and business leaders will choose which one will be financed balancing each group's needs.