

## **Initial Project Summary**

Project Location: Dunaföldvár, Hungary

Name of Applicant: Roland and Diane Fagen

Name of the Project: Pannonia Ethanol

### Project Description:

This project involves the design, construction, operation, and maintenance of a 200 million liter/year ethanol production facility in Dunaföldvár, Hungary. The project is located on a 12 hectare site just off of the Danube River. The project involves the construction and operation of an ethanol production facility with a nameplate capacity of 200 million liters. The project will process approximately 575,000 metric tons of maize per year and produce up to 240 million liters of fuel grade ethanol. In addition, approximately 175,000 metric tons of dried distiller's grains with soluble will be produced per year as well as 14 GWh of electricity for plant use. Corn will be stored at a third party storage facility operated by Cargill and transported to the Pannonia site via a conveyor system. The project plans on trucking the ethanol to a local train station to transport the product to consumers; it is also exploring the possibility of acquiring a loading jetty and shipping the product via the Danube River.

### Environmental and Social Categorization and Rationale:

This project is screened as Category A because it is estimated that the project will emit more than 100,000 short tons CO<sub>2eq</sub>/year. In addition, ethanol production requires large quantities of water input; the project anticipates consuming 125 m<sup>3</sup>/hour. There is some uncertainty regarding the water source (groundwater) and a study is currently being conducted to assess the situation more thoroughly. Additional environmental and social concerns include odor, dust, noise, air pollution from increased traffic, and water discharge will be closely evaluated.

### Environmental and Social Standards:

The International Finance Corporation's (IFC) Performance Standards (April 2006) 1 (Social and Environmental Assessment and Management Systems), 2 (Labor and Working Conditions) the Occupational Health and Safety section, 3 (Pollution Prevention and Abatement), 4 (Community Health, Safety and Security), 6 (Biodiversity Conservation and Sustainable Resource Management), and 8 (Cultural Heritage) are applicable. Based on the information currently available, there will be no resettlement and no indigenous people living nearby the project have been identified. Therefore Performance Standards 5 and 7 are not applicable to the project.

The IFC's General Environmental, Health, and Safety Guidelines (April 2007) are also applicable to the project.

Location of Local Access to Project Information: A copy of the Environmental and Social Impact Assessment may be found at the following locations:

- Dunafoldvar Library at 7020 Dunaföldvár, Béke tér 13, Magyarország
- Pannonia Ethanol's website [www.pannoniaethanol.hu](http://www.pannoniaethanol.hu)