



# ČEPRO STRELICE TANKFARM

**Client:**

Čepro, a.s., Frantisek Todt, director of operation

**Scope of work:**

Tankfarm reconstruction

**Period:**

1994 to 2011 (progressively)



The Strelice tankfarm is perfectly located in the middle of South Moravia with connection to the main country highway. With a product pipeline, the facility is connected with 4 refineries and other tankfarms in the Czech Republic and Slovakia. The tankfarm is more than 50 years old but specific facilities are consequently upgraded.

Between others, the facility is equipped with following equipment:

1. Dosing equipment for injection of custom specific additive agents and paints into fuel. As typical in Europe, dosing recipes differ from single ppm to thousands ppm. That's why the dosing units are controlled proportionally to reach highest available accuracy of dosing.

2. Biofuels blending equipment; According European laws, fosile fuels must be blended with biofuels – petrol with ethanol and diesel with methylester. Percentage of the bio-component in the mixture is typically 5%.

3. Vapour recovery system which consist of closed system – tanks with fixed roof, vapour balance system and recovery unit (VRU). Czech Republic has very strict emission limit of 150 mg of hydrocarbons per 1 m<sup>3</sup> of exhaust. Previous model of VRU was substituted by modern unit with pressure-swing adsorption principle of operation.

4. Self-service drivers terminal; The terminal allows dispatch of drivers without need for operators assistance. TAMAS, a control system which powers all Cepro tankfarms, allows totally self-service operation where the drivers perform all activities by themselves (such style of dispatching control is typical for storage facilities in north Europe).

