

FROM: Mavel, a.s.  
Jana Nohy 1237  
256 01 Benesov, Czech Republic  
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121 Mount Vernon Street  
Boston, MA 02108 USA



CONTACT: Laurie Sigmund  
617.242.2204  
Laurie@mavel.cz

## 4.1 MW ALBA HYDROELECTRIC POWER PLANT COMMISSIONED WITH TWO MAVEL KAPLAN PIT TURBINES IN ITALY'S PIEDMONT REGION

**Benesov, Czech Republic – 11 July 2016** – M a v e l, a.s. ("Mavel") announced the final commissioning of the 4.1 MW Alba Hydroelectric Plant ("Alba HPP") in Santa Vittoria d'Alba on the Tanaro River in the Piedmont Region of Northwest Italy. The Alba HPP utilizes two Mavel Kaplan PIT turbines. The project was a greenfield site and designed to utilize head of 5.90 meters and total flow of 80 cubic feet per second. The owner is Egea P.T.S.r.l.

Mavel provided two double regulated Kaplan PIT Turbines type Mavel KP2500K4 with runner diameter of 2500 mm and four runner blades. Mavel also provided synchronous generators, gearboxes, heat exchangers, assembly at site and commissioning. The original commissioning was in 2015. Flooding damaged the facility and the power plant was put back into operation last month.

Mavel, a.s., is a global leader in the supply of turbines (Kaplan, Francis, Pelton and Micro) for hydroelectric power plants from 30 kW to 30+ MW. Over the past twenty years, the company has installed or signed contracts for over 475 turbines at more than 300 sites around the world. Mavel has two production facilities in the Czech Republic.



**Top Left: Powerhouse Interior**  
**Bottom Left: Construction**  
**Bottom Right: Installation**

