



**INNOVATIVE  
ECONOMY**  
NATIONAL COHESION STRATEGY

**EUROPEAN UNION**  
EUROPEAN REGIONAL  
DEVELOPMENT FUND



*Project*

**„Development and implementation of an innovative technology for increasing wheel durability in rail transport”  
co-financed by European Union from the European Regional Development Fund.  
We invest in our future for the development of an innovative economy.**

Siemianowice Śląskie, Feb 1<sup>st</sup>, 2018.

## **An invitation to purchase a license**

Dear Sir or Madam,

We invite you to take advantage of the license offered by Plasma SYSTEM S.A. for the technology of increasing the durability of the rail wheels in the rail transport, developed as part of the project entitled:

**„Development and implementation of an innovative technology for increasing wheel durability in rail transport”, contract for co-financing No. UDA-POIG.01.04.00-24-040/09-00, UDA-POIG.04.01.00-24-040/09-00 Operational Programme: Innovative Economy.**

The developed technology involves the use of a special coating on the periphery of the wheel that reduces the friction of the wheel flange against the rail. This innovative solution is protected by the European patent No. EP 2300242.

The benefits of applying a special coating to the periphery of the wheel include:

- improved wheel-rail contact resulting in a reduction of wheel-rail friction
- reduction of energy consumption by reducing the friction resistance
- increased durability of the wheelset
- increased security
- reduction of noise emitted by the vehicle
- improved driving comfort

**We are open and ready for innovation.**

**We invite you to cooperation.**

Sincerely,

*Grzegorz Wrona*

*Vicepresident, Commercial Chief Officer*