

Innovative industry-validated coating technology for deposition of multi-layer multi-material nano-scaled coatings

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Identificativo proposta: TOUA20191026001 **RICHIEDI MAGGIORI INFORMAZIONI**

The Ukrainian university group developed a new coating technology based on ion-plasma deposition technique. The client seek a partner for finishing this technology and developing business plan for commercialization it on the technical cooperation agreement.

The university group from Ukraine offers an innovative industry-validated coating technology based on ion-plasma deposition technique. The technology can be used to deposit multi-layer multi-material (metals, semi-conductors, oxides, nitrides etc.) nano-scaled coatings (up to HEA - High Entropy Alloys) with a pre-determined stoichiometry. Coatings obtained can serve the different industrial applications – thermal-barrier, corrosion/erosion-resistant, hardening, decorative, etc. applicable for aeronautic, space, automotive, energy and other industrial sectors. The client looking for partners for complete the project and developing business plan for commercialization it. Potential partners could be SMEs engaged coating compositions development, and coating equipment or universities which working in such area of developing. The client offer partnership under technical cooperation agreement.

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Paese: Ukraine

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