

Partner Name	INGENIERIA Y SERVICIOS DE METROLOGIA TRIDIMENSIONAL SL	Short name	ISM-3D	number	07
Short Description					
<p>ISM 3D is a newly founded metrology service provider company. Located in Asturias Spain, it fills a gap of such providers in a so far predominantly rural area which is making great efforts to host modern enterprises. The idea of ISM-3D reaches back to 1992 with several attempts, but was finally founded in 2007 by three experienced coordinate metrology experts: Jose Baizan, Eugen Trapet and Clemente Garcia. At the time being these three persons are the owners and employees of ISM-3D. ISM-3D has 2 high accuracy coordinate measuring machines available in their climatized lab. ISM-3D cooperates with other Spanish and German companies to share resources in order to offer a wide spectrum of part inspection, calibration of control equipment, mobile metrology (laser tracker), coordinate measuring machine verification and machine tool metrology (laser tracer).</p> <p>Besides these services, ISM-3D with its senior experts is working closely together with the University of Oviedo (Asturias) and as well with the University of Zaragoza in order to teach and to give students practical insight into Mechatronics and Metrology, for example by jointly retrofitting metrology equipment for ISM-3D. Agreements with ZEISS and RENISHAW exist to support this activity.</p> <p>ISM-3D wants to extend its “routine services” to more advanced knowledge based services, to be offered on international level. Besides 40% measurement and training services, 30% sales of self-manufactured reference artefacts as well as of foreign products (laser scanner from 3D-Alliance Germany) and 30% of its turn around in advanced knowledge based services and research for industry and public funded research are seen as ideal figures. The latter is the reason for actively joining this proposal; many of the concepts in this proposal were prepared by ISM-3D staff.</p>					