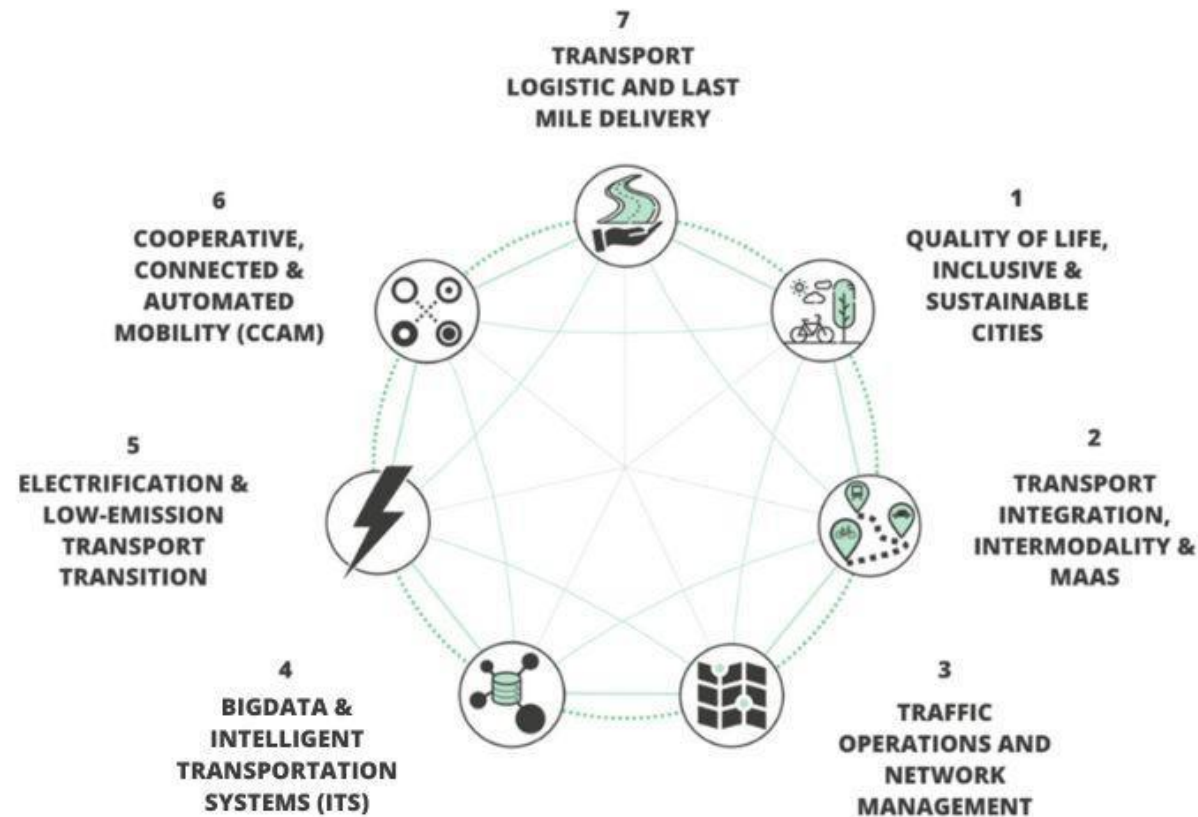


CLASIFICACIÓN ENTIDADES COLABORADORAS

Clasificación de las entidades colaboradoras con los miembros del Cluster MoviTUR según las líneas de investigación vigentes.

Última actualización: 16/05/2023 17:56

1. Identificación líneas de investigación



1. QUALITY OF LIFE, INCLUSIVE & SUSTAINABLE CITIES



Cities concentrate the problems of air quality, accidents, noise, pollution, etc. Solutions can only be achieved by combining technological solutions with urban regulation, land use control and information systems to generate urban management systems that ensure the sustainability and quality of urban life.

Cluster members: INSIA, GATV, TRANSyT, GB2S, I2A2

2. TRANSPORT INTEGRATION, INTERMODALITY & MAAS



The shift from personally-owned modes of transportation towards a intermodal mobility provided as a service its transforming very quickly our transport patterns. As we look for the consolidation of this system, we also need to analyze and predict its impacts in our cities and infrastructure.

Cluster members: INSIA, TRANSyT, GATV, GB2S, I2A2

3. TRAFFIC OPERATIONS AND NETWORK MANAGEMENT



Environmental challenges and limited urban space require the optimization of traffic flows and multimodal management of public transport services. Also, the irruption of new shared mobility services and their integration into existing networks presents important challenges that should be answered from multiple technological, urban planning disciplines and from the point of view of infrastructures.

Cluster members: INSIA, TRANSyT, GB2S, I2A2

4. BIGDATA & INTELLIGENT TRANSPORTATION SYSTEMS (ITS)



Efficient transport management requires the capture, management and exploitation of vehicle, network and infrastructure, demand, environment, road safety, urban environment and land use databases. Therefore, large transport operators need providers to understand, structure and exploit the information, in order to produce action plans that optimise costs, environment and social integration.

Cluster members: INSIA, GATV, GB2S, IOL, I2A2

5. ELECTRIFICATION & LOW-EMISSION TRANSPORT TRANSITION



The global shift towards low-carbon, circular economy has started and its pace is accelerating, increasing the efficiency of the transport system, speeding up the deployment of low-emission alternative energy for transport such as electricity and moving towards low- and zero-emission vehicles. Batteries, energy efficiency and propelling systems are, amongst others, topics we are researching.

Cluster members: INSIA, GATV, TRANSyT, GB2S, I2A2

6. COOPERATIVE, CONNECTED & AUTOMATED MOBILITY (CCAM)



In the near future, vehicles will interact directly with each other and with the infrastructure, improving safety, traffic efficiency and driving comfort and providing their full integration in the overall transport system. Our aim is not only to develop them, but also to predict and analyze its impacts in our society.

Cluster members: INSIA, GATV, GB2S, IOL, I2A2







7. TRANSPORT LOGISTIC AND LAST MILE DELIVERY
















The development of new materials, techniques and engineering tools that make it possible to improve the construction, maintenance, management and rehabilitation of infrastructure, remodeling the nature of integrated transport policy, planning, optimization, financing, delivery and management in real time, integrating safety and accessibility.








Cluster members: INSIA, TRANSyT, GB2S, I2A2








2. Identificación y clasificación de entidades colaboradoras de moviTUR








LOGO	IDENTIFICATION	COMPLETE NAME	MANAGEMENT	AREA	PARTICIPATING MEMBERS	RESEARCH LINES							
						1	2	3	4	5	6	7	
	<u>Abertis</u>	Abertis Infraestructuras	Private	Infrastructures	TRANSyT		X	X					X
	<u>Aceinsa</u>	Aceinsa Movilidad	Private	Road infrastructures	GB2S	X	X	X					
	<u>Aena</u>	Aena	Public	Airports	I2A2			X					X
	<u>Aernnova</u>	Aernnova	Private	Aerostructures	I2A2							X	X
	<u>Airbus</u>	Airbus	Private	Aviation	I2A2		X	X		X			X
	<u>Álava Ingenieros</u>	Álava Ingenieros	Private	Advanced technologies	I2A2				X			X	

LOGO	IDENTIFICATION	COMPLETE NAME	MANAGEMENT	AREA	PARTICIPATING MEMBERS	RESEARCH LINES							
						1	2	3	4	5	6	7	
	<u>Aptica</u>	Aptica	Private	Telecommunications consulting	GB2S	X			X		X		
	<u>B105</u>	B105 Electronic Systems Lab	Public	Electronic systems	GB2S				X		X		
	<u>Brüel & Kjær</u>	Hottinger Brüel & Kjær	Private	Noise and vibrations	I2A2	X			X		X		
	<u>BSH</u>	BSH Hausgeräte GmbH	Private	Domestic appliances	I2A2	X							
	<u>CAR</u>	Centre for Automation and Robotics	Public	Automation and robotics	GB2S				X		X		
	<u>CEI</u>	Centro de Electrónica Industrial	Public	Industrial electronics	GB2S; I2A2				X	X	X		
	<u>CESVA</u>	CESVA	Private	Noise and vibrations	I2A2	X			X		X		

LOGO	IDENTIFICATION	COMPLETE NAME	MANAGEMENT	AREA	PARTICIPATING MEMBERS	RESEARCH LINES							
						1	2	3	4	5	6	7	
	Ciemat	Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas	Public	Energy and environment	INSIA; I2A2	X				X			
	CRTM	Consortio de Transportes de Madrid	Public	Public transport	TRANSyT, GATV	X	X	X	x	X			
	CSIC	Consejo Superior de Investigaciones Científicas	Public	Research	I2A2	X	X	X	X	X	X	X	
	Dragados	Dragados	Private	Infrastructures	GB2S		X	X					X
	EMT Madrid	Empresa Municipal de Transportes de Madrid	Public	Public transport	INSIA; TRANSyT, GATV	X	X	X	x	X			
	ETSIT	Escuela Técnica Superior de Ingenieros de Telecomunicación	Public	Telecommunication	GATV	X			x	X	X		

LOGO	IDENTIFICATION	COMPLETE NAME	MANAGEMENT	AREA	PARTICIPATING MEMBERS	RESEARCH LINES							
						1	2	3	4	5	6	7	
	<u>FCC</u>	Fomento de Construcciones y Contratas	Private	Construction	INSIA	X	X	X					X
	<u>FMM</u>	Federación de Municipios de Madrid	Public	Municipalities	GB2S	X	X	X					X
	<u>Iberdrola</u>	Iberdrola	Private	Energy	I2A2	X				X			
	<u>IMDEA</u>	IMDEA Networks	Public	Data networks	GB2S	X			X			X	
	<u>ImesAPI</u>	ImesAPI	Private	Urban and infrastructures services	GB2S	X		X	X				X
	<u>Indra</u>	Indra Sistemas	Private	Consultancy	INSIA; I2A2, GATV		X	X	X			X	X
	<u>IPS Vial</u>	Inventarios y Proyectos de Señalización Vial	Private	Traffic logistics	GB2S	X	X	X					X

LOGO	IDENTIFICATION	COMPLETE NAME	MANAGEMENT	AREA	PARTICIPATING MEMBERS	RESEARCH LINES						
						1	2	3	4	5	6	7
	<u>Irizar</u>	Irizar	Private	Transport	INSIA	X	X		X	X	X	
	<u>ITER</u>	ITER	Public	Energy research	I2A2					X		
	<u>Iturri</u>	Iturri	Private	Safety	INSIA							X
	<u>JET</u>	Joint European Torus	Public	Energy	I2A2					X		
	<u>Kineo</u>	Kineo	Private	Traffic engineering	GB2S			X	X			
	<u>Landatel</u>	Landatel Comunicaciones	Private	Telecommunication devices	GB2S				X			
	<u>LEGOS</u>	Laboratório de Engenharia e Gestão em Saúde	Public	Health units research	IOL				X		X	

LOGO	IDENTIFICATION	COMPLETE NAME	MANAGEMENT	AREA	PARTICIPATING MEMBERS	RESEARCH LINES							
						1	2	3	4	5	6	7	
	<u>Natural Instruments</u>	Natural Instruments Corporation	Private	Measurement systems	I2A2				X	X	X		
	<u>Naturgy</u>	Naturgy Energy Group	Private	Energy	INSIA; I2A2	X					X		
	<u>NIT</u>	New Infrared Technologies	Public	Infrareads	I2A2	X							
	<u>NPL</u>	National Physical Laboratory	Public	Metrology	I2A2	X			X	X			
	<u>Politecnico di Milano</u>	Politecnico di Milano	Public	Education, engineering	I2A2	X	X	X	X	X	X	X	X
	<u>PUCP</u>	Universidad Católica del Perú	Private	Education	I2A2	X	X	X	X	X	X	X	X
	<u>SGS</u>	Société Générale de Surveillance	Private	Inspection	INSIA			X					X

LOGO	IDENTIFICATION	COMPLETE NAME	MANAGEMENT	AREA	PARTICIPATING MEMBERS	RESEARCH LINES								
						1	2	3	4	5	6	7		

Fuentes:

- Páginas webs de los miembros
- Páginas web de las entidades colaboradoras
- Observatorio I+D+i UPM
- Portal Científico UPM
- Hub digital de innovación Universidad Politécnica de Madrid