

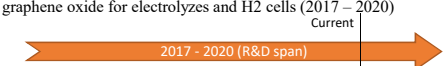



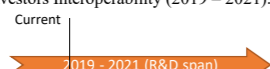
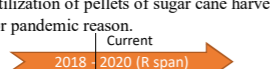

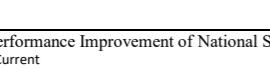


Country	Institute	Category	Related programs (with short summary)	Target / Goal Outcome	Lead person / Organization	Partnership (if any)	Related information
Argentina	INTI	Production	Development of electrodes for the electrolytic production of H ₂ (2018 – 2021) 	One electrode ready for transference.	Dr. Liliana Diaz / INTI (ldiaz@inti.gov.ar)	(Domestic) INFIQC - CONICET - National University of Córdoba	https://www.inti.gov.ar/areas/desarrollo-tecnologico-e-innovacion/energia-y-movilidad/almacenamiento-de-la-energia
Argentina	INTI	Storage	Development of mesoporous C material applied to fuel cell components and super capacitors (2017 - 2020) 	Results are part of the doctorate thesis of G. Montiel. Deep knowledge of the material is attained.	PhD Student Gonzalo Montiel / INTI (gmontiel@inti.gov.ar)	(Domestic) CNEA-CAC (International) University of Ontario Institute of Technology (UOIT)	https://www.inti.gov.ar/areas/desarrollo-tecnologico-e-innovacion/energia-y-movilidad/almacenamiento-de-la-energia
Argentina	INTI	Production / Storage	Development of low-cost hybrid membranes in PVA and chitosan materials cross linked with graphene oxide for electrolyzes and H ₂ cells (2017 – 2020) 	One membrane is prepared and characterized, having low cost, good stability and conductivity.	Dr. Liliana Diaz / INTI (ldiaz@inti.gov.ar)	(Domestic) University of Buenos Aires Engineering (FIUBA).	https://www.inti.gov.ar/areas/desarrollo-tecnologico-e-innovacion/energia-y-movilidad/almacenamiento-de-la-energia
Argentina	INTI	Storage	Development of alkaline membranes based on polybenzimidazole for storage system (2016 – 2019) 	Results are part of the doctorate thesis of R. Coppola. Deep knowledge of the material is attained.	Dr. Graciela Abuin / INTI (gabuin@inti.gov.ar)	(International) Autonomous University of Madrid, España	https://www.inti.gov.ar/areas/desarrollo-tecnologico-e-innovacion/energia-y-movilidad/almacenamiento-de-la-energia
Argentina	INTI	Storage / Utilization	Development of PBI - PVA membranes with fibers produced by electrospinning (2018 – 2021) 	Results are part of the doctorate thesis of R. Coppola. One membrane is prepared and characterized, having good stability and conductivity.	PhD Student Roxana Coppola and / INTI (rcoppola@inti.gov.ar)	(Domestic) PhD Student Fabrizio Molinari / INTI-Material Design	https://www.inti.gov.ar/areas/desarrollo-tecnologico-e-innovacion/energia-y-movilidad/almacenamiento-de-la-energia

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Argentina	INTI	Smart Grids	Grid Network with Renewable Energy (2016-2019). Delayed for pandemic reason. 	Experience of a smart grid with renewable energy working in a 11.000 habitants city	Marcos Politi, Eng / INTI (mpoliti@inti.gov.ar)	(Domestic) National Technological University, Electric Cooperative of the city (Cooperativa de Provision de Obras y Servicios Publicos y Credito Ltda.)	https://www.inti.gov.ar/areas/desarrollo-tecnologico-e-innovacion/energia-y-movilidad/gestion-del-sistema-integrado-de-la-energia
Argentina	INTI	IoE / Smart Grids	Investors Interoperability (2019 – 2021). Delayed for pandemic reason. 	Results are part of the doctorate thesis of Eng. M. Politi. Experience of a distributed and heterogeneous system will be attended.	Marcos Politi, Eng / INTI (mpoliti@inti.gov.ar)	(Domestic) Environmental Protection Agency of Buenos Aires City	https://www.inti.gov.ar/areas/desarrollo-tecnologico-e-innovacion/energia-y-movilidad/gestion-del-sistema-integrado-de-la-energia
Argentina	INTI	Production / Utilization	Utilization of pellets of sugar cane harvesting residues in biomass combustors (2018-2020). Delayed for pandemic reason. 	Pellets were done and characterized with successful results.	Martin Rearte, Eng / INTI (mrearte@inti.gov.ar)		https://www.inti.gov.ar/areas/desarrollo-tecnologico-e-innovacion/energia-y-movilidad/gestion-del-sistema-integrado-de-la-energia
Argentina	INTI	Power Valorization	Power Valorization for Urban Solid Residues (2009-2019) 	Industrial plant for municipal urban residues valorization	Juan Carlos Najul, Eng / INTI (jcnajul@inti.gov.ar)	San Juan Province Government, Agencia Nacional de Promocion Cientifica y Tecnologica (https://www.argentina.gov.ar/ciencia/agencia), Energia Provincial Sociedad del Estado (www.epse.com.ar), Mega Ingenieria (www.ingenieriamega.com.ar), Thala S. A. Instalar DG (www.instalardg.com), State Secretary for Environment and Sustainable Development	https://www.inti.gov.ar/noticias/21-asistencia-regional/1491-en-pocos-meses-comenzara-a-operar-la-planta-versu-en-san-juan
Argentina	INTI	Solar Thermal Energy	Performance Improvement of National Solar Thermal Collectors Industry (2020-2022) 	Pellets were done and characterized with successful results.	Federico Pescio, Eng / INTI (fpescio@inti.gov.ar); Alejandro Chiaravalloti, Eng / INTI (achiaravalloti@inti.gov.ar)	Ministry of Production Development (https://www.argentina.gov.ar/produccion)	https://www.inti.gov.ar/noticias/15-desarrollo-e-innovacion/1286-crecio-el-179-la-instalacion-de-equipos-de-energia-solar-termica-en-argentina