
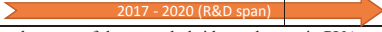








Country	Institute	Category	Related programs (with short summary)	Target / Goal Outcome	Lead person / Organization	Partnership (if any)	Related information
Argentina	INTI	Production	Development of electrodes for the electrolytic production of H ₂ (2018 – 2021) Current  2018 - 2021 (R&D span)	One electrode 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) Current  2017 - 2020 (R&D span)	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) Current  2017 - 2020 (R&D span)	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) Current  2016 - 2019 (R&D span)	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) Current  2018 - 2021 (R&D span)	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

Country	Institute	Category	Related programs (with short summary)	Target / Goal Outcome	Lead person / Organization	Partnership (if any)	Related information
Argentina	INTI	Smart Grids	Grid Network with Renewable Energy (2016-2019) Current 	Experience of a smart grid with renewable energy working in a 11.000 habitants city	Marcos Politi, Eng / INTI (mpoliti@inti.gob.ar)	(Domestic) National Technological University, Electric Cooperative of the city (Cooperativa de Provision de Obras y Servicios Publicos y Credito Ltda.)	https://www.inti.gob.ar/areas/desarrollo-tecnologico-e-innovacion/energia-y-movilidad/gestion-del-sistema-integrado-de-la-energia
Argentina	INTI	IoT / Smart Grids	Investors Interoperability (2019 – 2021) Current 	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.gob.ar)	(Domestic) Environmental Protection Agency of Buenos Aires City	https://www.inti.gob.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) Current 	Pellets were done and characterized with successfull results.	Martín Rearte, Eng / INTI (mrearte@inti.gob.ar)		https://www.inti.gob.ar/areas/desarrollo-tecnologico-e-innovacion/energia-y-movilidad/gestion-del-sistema-integrado-de-la-energia