

International Brokerage Event
Brussels, 26-27/10/2017



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Description of the Organization



- Adana Metropolitan Municipality is Turkey's sixth biggest municipality. Adana Municipality was founded in 1871, and took metropolitan municipality statute in 1986 with 3306 law code. Having 14 district and nearly 2,3 million population, Adana Metropolitan Municipality has different departments and 15.000 personals are taking part in it. The fields which the institution is active;
- -To protect environment, agriculture areas and water basin
- -To plan and organize transportation in the city
- -To prepare development plan
- -To set up geography and city information system
- -To carry out health, education and cultural services
- - To provide coordination between central districts. For these fields, It works together with head department and managementship.
- Adana Metropolitan Municipality is having a big responsibility for technical education and skills courses. In 3308 Law code, together with Adana Commerce Chamber and Adana Builders Federation, Metropolitan Municipality organized an on-the-job-training to 875 workers working in construction sector and gave them certificates. Municipality is a member of United Cities and Local Governments Middle East and West Asia Section (UCLG-MEWA) and Çukurova Municipalities Federation. With the last law, 14 more district municipalities within our city are in our responsibility.
- MISSION: To provide the best planned, fast, effective, fair and citizens focused service.
- VISION: By pursuing leader and pioneer position, to become a pattern municipality in Turkey and the World.
- PRINCIPLES:
- To service to everybody by being fair, honest and applying the laws.
- To use public sources appropriate.
- To be decided and brave to protect public rights.
- To be clear and open to make decision, apply and activities.
- To aim quality, sustainability and permanence in service.
- To provide attendance to activities in citizens and municipality cooperation.
- To work together with other institutions, foundations and non-governmental organizations in a coordination.
- To give priority to the projects which are useful for the city in general.
- To find solutions to the problems of the citizens quickly.

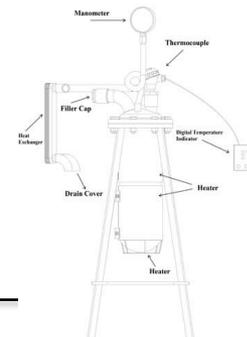
Description of the your research interest



- The basic aim of this research study is to examine the usage of plastic medical waste, as an alternative source to diesel fuel. For this study; medical waste plastics were transformed to waste plastic fuel by thermal cracking. Medical waste plastic fuels were blended with diesel fuel at the volumetric ratios of 10%, 20% and 50%. Fuel properties of waste plastic fuels and its blends were analyzed in accordance with the standards of American Society for Testing and Materials (ASTM) methods. In addition to fuel properties, engine performance and exhaust emission studies of waste plastic fuel-diesel blends were carried out.
- Adana Metropolitan Municipality and and Çukurova University are the common fields.

Circular Economy (SPIRE, Raw Materials and Water) PRODUCTION, ENGINE PERFORMANCE AND EMISSION STUDIES OF MEDICAL and MUNICIPAL WASTE PLASTIC FUEL AND ITS BLENDS WITH DIESEL FUEL

- Objectives:
 - New technologies for the enhanced recovery of by-products
 - Raw materials policy support actions for circular economy (Voluntary scheme for certification of treatment facilities for key types of wastes, Resource efficiency in wood processing, recovery and recycling, Responsible sourcing of raw materials in global value chains)
- Expected results
 - This research's aim was to examine the usage medical and municipal plastic waste, as an alternative source to diesel fuel.



Consortium - profile of known partners *(if any)*



No	Partner Name	Type	Country	Role in the Project
01	Adana Metropolitan Municipality	RTD	TURKEY	Main raw material and plant owner and result applier
02	Çukurova University	SME	TURKEY	Academic research
03		IND		
04				
05				
06				
07				
08				

Consortium - required partners



No	Expertise	Type	Country	Role in the project
01		RTD		
02		SME		
03		IND		
04				
05				
06				
07				
08				

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Recommendations



- The presentation **has to** last up to **4 minutes (maximum)**
- Do not overload your slides
- Provide weblinks to additional material
- Slides should be in English
- Do not use videos etc. – they might be not supported by the Infoday IT system
- Send your presentations in PDF format to: CoF@turkeyinh2020.eu until **23 September 2016.**