

Plan Overview

A Data Management Plan created using DMPTool

DMP ID: <https://doi.org/10.48321/D1G959>

Title: Level of adoption of the R`s of circular economy in the manufacturing industry in Ciudad Juarez Chihuahua Mexico.

Creator: Sixta Cobos floriano - **ORCID:** [0000-0002-0848-7410](https://orcid.org/0000-0002-0848-7410)

Affiliation: Universidad Autónoma de Ciudad Juárez (uacj.mx)

Principal Investigator: Sixta Cobos Floriano

Data Manager: Sixta Cobos Floriano

Project Administrator: Sixta Cobos Floriano, Blanca Lidia Márquez Miramontes

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Template: Gulf of Mexico Research Initiative (GoMRI) 2018

Project abstract:

Manufacturing is one of the industries that contribute the most to the development and economy of Ciudad Juarez Chihuahua Mexico, however, it is also one of the most polluting industries in the city. In this sense, the objective of this project is to investigate the level of adoption of the Circular Economy in the products they manufacture, conducting a quantitative study through a questionnaire to determine which of the 9 R`s (reject, rethink, reduce, reuse, repair, restore, remanufacture, reuse, reuse, recycle) which one or ones are the most applied in the elaboration of products and which is the turn (automotive, electronics, electrical, metalworking, plastics, packaging, machinery and equipment, construction products, agribusiness, pharmaceuticals) that is more committed to environmental care.

Start date: 01-01-2023

End date: 12-31-2024

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Level of adoption of the R's of circular economy in the manufacturing industry in Ciudad Juarez Chihuahua Mexico.

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Sixta Cobos Floriano, al221145@alumnos.uacj.mx, Universidad Autónoma de Ciudad Juárez, 6565640748

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The person responsible for managing the data should update the data every six months to one year or as indicated by the repository. The percentage of responsibility will be 85%.

The questionnaire database will be presented in an Excel file.

Fill out the questionnaire

Send the questionnaire via Google Forms

Coding

Statistical analysis in SPSS

The data will be disseminated in an excel spreadsheet.

The backup will be stored in One Drieve and on a hard disk.

No sensitive data. Participants signed an informed consent form.

- No

Not applicable

Not applicable

- Yes

- No

if they are produced with environmentally friendly materials.

If they reuse, repair or recycle materials.

- No

not applicable

- No

not applicable

- No

not applicable

- No

Not applicable

- Yes

Numerical correlation models will be made in the SPSS program.

- No

N/A

- No

N/A

- No

N/A

N/A

- No

N/A

- No

N/A

- Yes

A 12-question survey will be conducted using a likert scale that includes questions related to the 9R's of circular economy.

- No

N/A

N/A

N/A

N/A

Planned Research Outputs

Dataset - "Level of adoption of the R`s of circular economy in the manufacturing industry in Ciudad Juárez Chihuahua México."

It is expected that the production industries have a high level of insertion of circular economy practices 9 R's (reject, rethink, reduce, reuse, repair, restore, remanufacture, reuse, recycle).

Identify which organizations are most committed to environmental stewardship (automotive, electronics, electrical, metalworking, plastics, packaging, machinery and equipment, building products, agribusiness, pharmaceuticals).

Planned research output details

Title	Type	Anticipated release date	Initial access level	Intended repository(ies)	Anticipated file size	License	Metadata standard(s)	May contain sensitive data?	May contain PII?
Level of adoption of the R`s of circular economy i ...	Dataset	2023-12-31	Open	None specified	150 MB	Creative Commons Attribution Non Commercial No Derivatives 4.0 International	None specified	No	No