

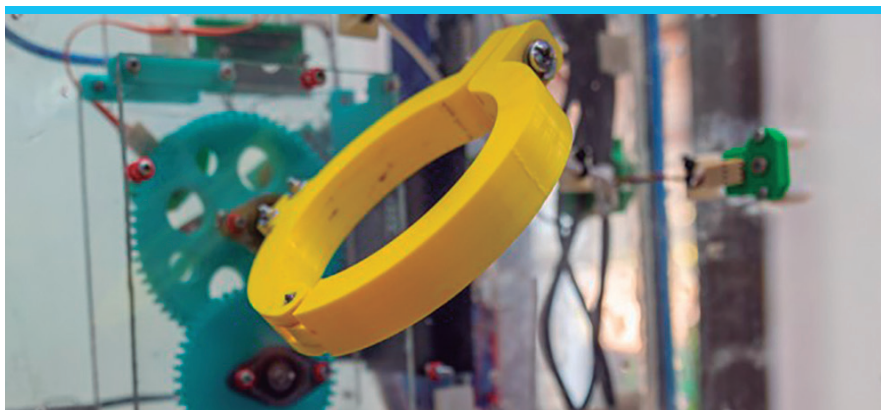


UNIVERSIDAD  
TECNOLÓGICA  
METROPOLITANA  
*del Estado de Chile*

Mobile device for  
the quantification of  
bioaccessibility of  
heavy metals or  
metalloids

# MABIOMET

Automatized mobile device that quantifies in real time the bioaccessibility of heavy metals and metalloids in soil, soil debris or fugitive dust samples. The device is complemented by a certified comprehensive in situ environmental variables that reduces the cost of specialized environmental services in addition to delivering bioaccessibility measures with modelling and recommendations in less time.

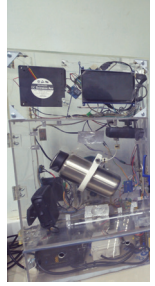


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# MABIOMET



## APPLICATIONS

Environmental parameter monitoring and modelling for strategic decision making focused on public health and environmental care.



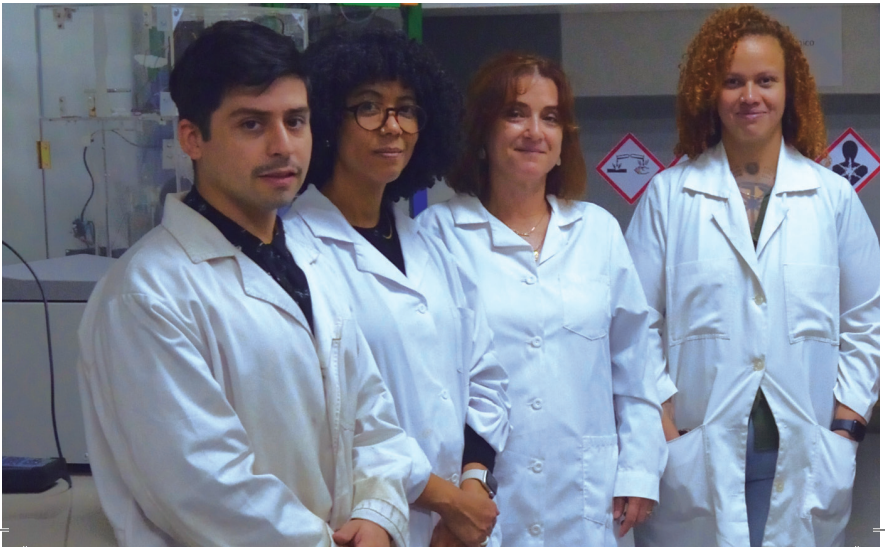
## TECHNOLOGY READINESS

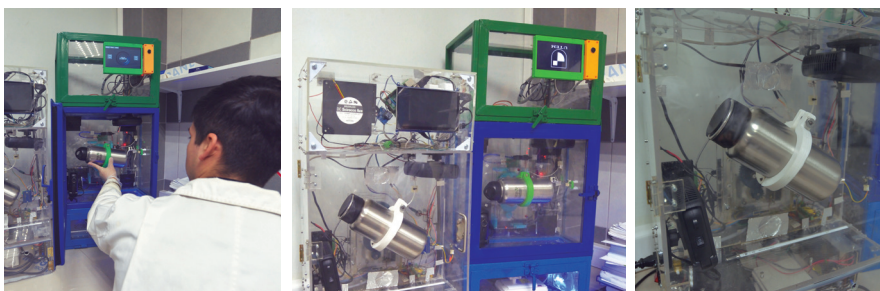
TRL 6



## ADVANTAGES

Service monitoring cost reduction derived from in situ results of total concentration and bioaccessibility of heavy metal and metalloids, area of study screening and the inclusion of an environmental risk and healthcare predictive model.





### INTELLECTUALLY PROPERTY

Applications:

PCT: PCTCL2020050198

Chile: CL202201616

Europe: EP20967226

China, Australia and Canada

MABIOMET™



### OPPORTUNITY

Technology bundle consisting on the license for the Know-how, patent, trademark and use and sampling protocols related to MABIOMET. Aimed for environmental services and risks associated with the use of soil polluted with heavy metals and metalloids.



### RESPONSIBLE INVESTIGATOR

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