

# Biobeds in Latin America

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JTI – Swedish Institute of Agricultural and Environmental Engineering

5<sup>th</sup> European Biobed Workshop, 28 September 2016  
Throws Farm, Great Dunmow, Essex, UK

# *MORE* Biobeds in Latin America !

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Throws Farm, Great Dunmow, Essex, UK

46 countries

740 million ha agricultural land







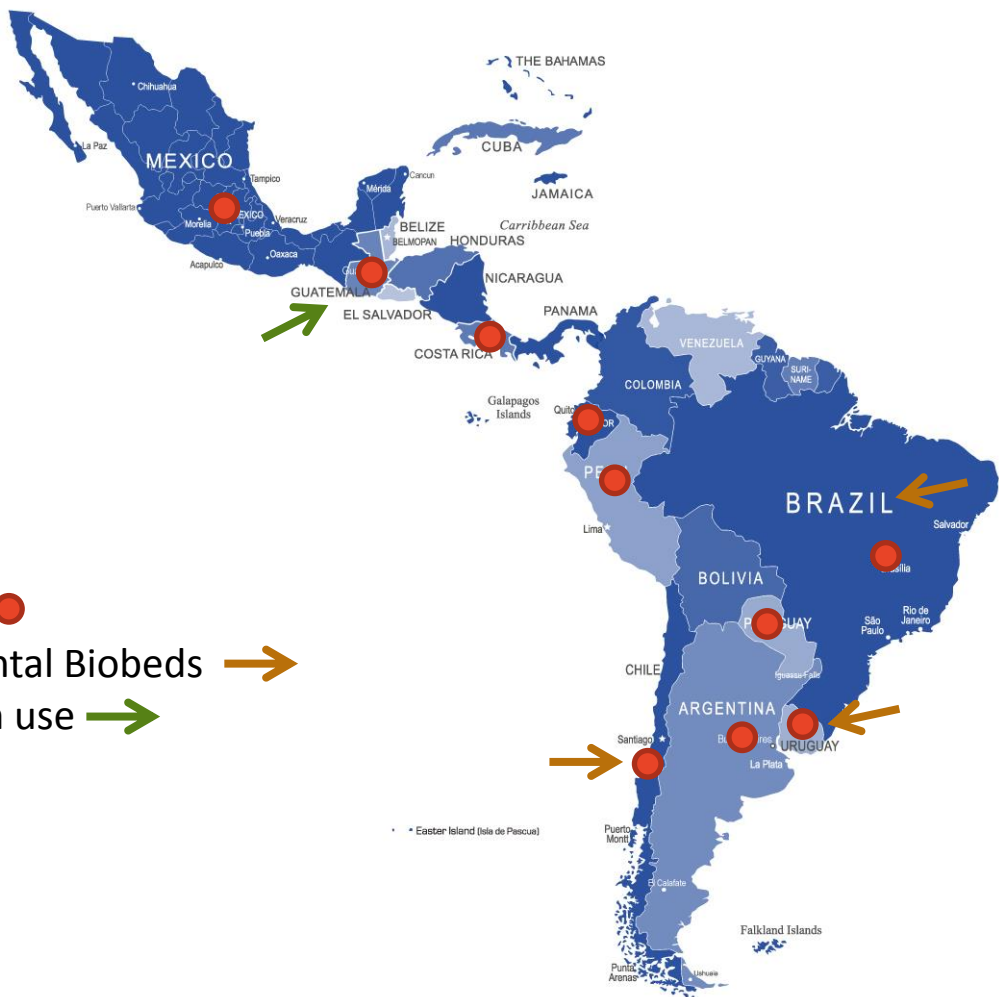


Intensification of the agriculture = pesticide contamination of soil and water



The biobed: a useful technology to minimize  
the risk of point source pollution

- efficient
- flexible
- cost effective
- simple



# How to promote the use of biobeds in Latin America?



JTI has been part of different initiatives:

- ❖ Organisation of Latin American Biobed Workshops

## Latin American Biobed Workshops

2012, Pucón, Chile



2014, Guatemala City, Guatemala



2017, Brazil



JTI has been part of different initiatives:

- ❖ Organisation of Latin American Biobed Workshops
- ❖ Dissemination Campaign JTI- FAO LAC

- Project financed by FORMAS (Swedish Research Council)
  - LAC Regional Office of the Food and Agriculture Organization (FAO).
  - JTI – Institute of Agricultural and Environmental Engineering
- 
- a) create communication materials to address different target groups as farmers, technicians, authorities,
  - b) create a website in Spanish for gathering and exchange of information
  - c) exchange experiences with FAO LAC representatives



Organización de las Naciones  
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y la Agricultura

## Biobed

Una tecnología para mitigar  
la contaminación puntual  
por plaguicidas



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de Ingeniería Agrícola y Ambiental



Organización de las Naciones  
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y la Agricultura

## Biobed

Un lecho biológico para  
minimizar la contaminación  
puntual por plaguicidas



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## BIOBED



Para un manejo seguro  
de los plaguicidas



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[www.biobeds.net](http://www.biobeds.net)

## FAO's communication network and projects

### Regional Offices in Asia and Africa

Example: FAO – Uruguay - Global Environment Facility (GEF)  
*Strengthening capacities for the sound management of  
pesticides including POPs*



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- ❖ Dissemination through CropLife Latin America



Represents the Crop Protection Industry  
(ECPA in Europe)

Consultory work on Biobeds

Presentation at the IX International Forum in Buenos Aires, Argentina in April 2016

Example: Agrequima in Guatemala



3000 biodeps  
Implementation  
Monitoring  
Biodeps included in the LocalGAP

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LAC will need to address many aspects for a massive biobed use:

Educational (rise awareness)

Technical (adaptation/implementation)

Regulatory

Economical (costs/incentives)

Etc.