

# Licensing Opportunity



## VERTICAL GREEN BIOBED

### Ecological degradation of pesticide effluents

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#### Invention

Due to more and more stringent environmental regulations concerning pesticide effluents, biobeds are gaining popularity. Currently available biobeds tend to get easily water logged and require very large surfaces.

The Vertical Green (VG) Biobed is an innovative and environmentally friendly solution avoiding current limitations and providing much greater effectiveness together with a positive visual appeal.

#### Performance

VG Biobeds allow the continuous degradation of large quantities of effluents, typically 6m<sup>3</sup>/m<sup>2</sup>/year against 0.6m<sup>3</sup>/m<sup>2</sup>/year for existing systems. Built with locally available soil and other basic raw materials, they are cost effective.

#### Advantages

Key advantages of VG Biobeds

- Minimal floor occupation due to verticality
- Efficient effluent degradation (10 x better than current)
- Cost effective
- Visually appealing
- Require little maintenance
- Positive impact on the climate in the immediate neighbourhood
- Also adapted to greened land, golf courses, wine farms, hypodromes, etc.



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#### Intellectual property

- European patent filed in 2011 by Hepia
- Licences available from Hepia for European countries (excl. Switzerland)

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