



A close up of an 'Indus' wall | Photo source Bio-ID Lab

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ALGAE TILES OFFER AFFORDABLE PURIFICATION OF POLLUTED WATER

 ARCHITECTURE & DESIGN

The Indus Project is a tile-based, modular bioreactor wall system for sustainably cleaning water in rural areas with limited resources

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Takeaway:

More than 80 per cent of India's surface water is polluted. In countries such as this, with small-scale artisanal industries, there are limited resources to manage wastewater. Indus thus reflects an interdisciplinary approach to water pollution: the design was developed from case studies

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...s conducted with artisans in India, allowing the development of a simple, scalable
...le system to locally treat heavy metal-contaminated wastewater.