



TRANSFORMING WASTEWATER INTO A VALUABLE RESOURCE

FOR A SUSTAINABLE
WATER FUTURE IN BAHRAIN



BSPF® REGEN converts
wastewater from a **problem**
into a **resource**.



WATER
SUSTAINABILITY



RESOURCE
RECOVERY



COMMUNITY
WELL-BEING



A BETTER FUTURE
FOR BAHRAIN

TWO CHALLENGES. ONE OPPORTUNITY.



WASTEWATER CHALLENGES



Unpleasant odors
affecting residents



Infrastructure stress
and higher
maintenance



Environmental
impact



OPPORTUNITY

TURNING
CHALLENGES
INTO VALUE



FRESHWATER CHALLENGES



High demand for
irrigation



Dependence on
valuable
drinking water



Water scarcity in
a growing nation



FROM WASTEWATER MANAGEMENT TO WATER RESOURCE MANAGEMENT

HOW BSPF[®] REGEN WORKS

A natural approach to optimize wastewater treatment and create value for a sustainable future.



WASTEWATER

Municipal wastewater enters the system



BSPF[®] REGEN

Our biological solution is applied



BIOLOGICAL OPTIMIZATION

Natural processes enhance treatment efficiency



ODOR REDUCTION

Unpleasant odors are significantly reduced



IMPROVED WATER QUALITY

Cleaner, higher quality treated water



GREYWATER POTENTIAL

Enabling safe reuse for irrigation and other non-potable applications



Natural biological processes support the optimization of wastewater treatment, **improving water quality** and **reducing environmental impact**.



BEYOND ODOR CONTROL

CREATING VALUE FOR BAHRAIN

“ EVERY CUBIC METER
REUSED FOR IRRIGATION
SAVES A CUBIC METER
OF DRINKING WATER. ”

BSPF® REGEN supports the production of higher quality treated water suitable for **sustainable irrigation strategies**.



REDUCED
ODORS



IMPROVED
WASTEWATER
QUALITY



REDUCED
ORGANIC LOAD



SUPPORT FOR
GREYWATER
PRODUCTION



REDUCED
FRESHWATER
DEMAND

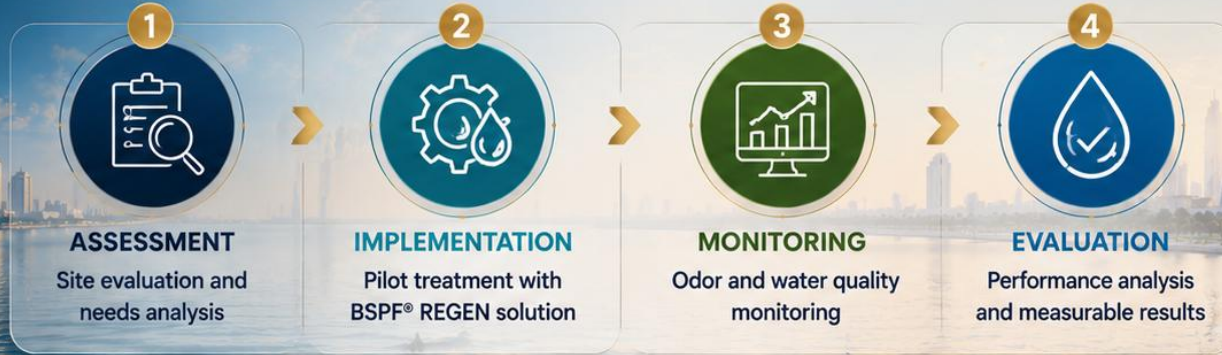


SUSTAINABLE
URBAN
DEVELOPMENT

THE BAHRAIN OPPORTUNITY

TOGETHER WE CAN DELIVER VALUE

A proven pathway to transform wastewater into a **sustainable water resource**.



**LET'S DEMONSTRATE
THE RESULTS TOGETHER**
in Bahrain.



PROTECTING OUR
ENVIRONMENT



SUPPORTING OUR
COMMUNITIES



BUILDING A RESILIENT
FUTURE



CREATING VALUE FROM
WASTEWATER

TRANSFORMING WASTEWATER INTO A VALUABLE RESOURCE