

About

Jeevitnadi – Living River Foundation

'Jeevitnadi' started as an informal group of people passionate for River Conservation in 2014. In 2016, the group acquired the status of a non-profit section-8 company as 'Jeevitnadi-Living River Foundation'.

Since beginning, the mission of Jeevitnadi has been Revival of Rivers through public participation.

Over the last 3-4-year span, Jeevitnadi has been playing instrumental role in changing the perception of common people towards the river and recreating the lost relationship of society and the rivers in Pune city.



www.jeevitnadi.org

LEARNING

- How a group of motivated citizens can bring about change
- How one can start small and make a big difference
- Help is always available, all we need to do is ASK



WHO IS THIS FOR

- Anybody and everybody wishing to do something for river
- Citizens, citizen groups, students, NGOs, Corporates
- Government agencies,
 Environment Departments,
 Education institutions

ABOUT

ADOPT A RIVER STRETCH PROGRAM

We believe that river restoration is not possible without active involvement of the citizens.

With this belief, we launched "Adopt a River Stretch" program in May 2017.

Idea is to adopt a stretch of a stream or river nearby, look after it, work there regularly, keep it clean, prevent pollution, record biodiversity, implement conservation measures, watch it come alive.







ADOPT A RIVER STRETCH

Mutha river, Vitthalwadi, Pune

Back of our minds, we all knew that we need to do something more. It was important to change the urban perception towards the river.

It's not a garbage dumping site but it's our native land, it's our place to recreate, it's our place to rejoice, it's our place to rejuvenate.





ADOPT A RIVER STRETCH

Mutha river, Vitthalwadi, Pune

With that motive, we started thinking how my river will be welcoming to all its citizen.

We must celebrate our river

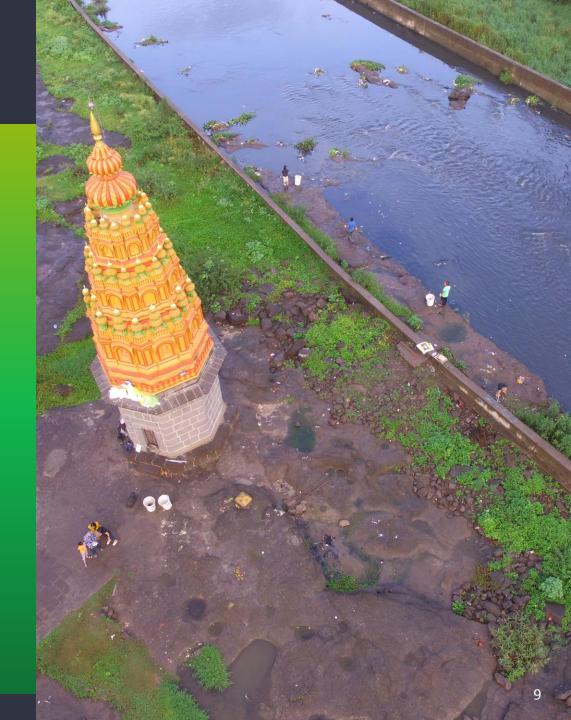
We ideated and did "storytelling session", "Kirtan (traditional socio-devotional musical event)" and other celebrations. With the same motive, we started looking at our adopted stretch more affectionately to understand its beauty and also its pain

ABOUT THE STRETCH

Stretch is around 1 km, spanning over both sides of the temple known as Pundalik temple in Mutha riverbed, at Vitthawadi, Pune

https://goo.gl/maps/8pgma48sweH2

Vitthal temple is on the river bank which is around 175 years old. This stretch represents all the stresses a river has in an urban landscape.

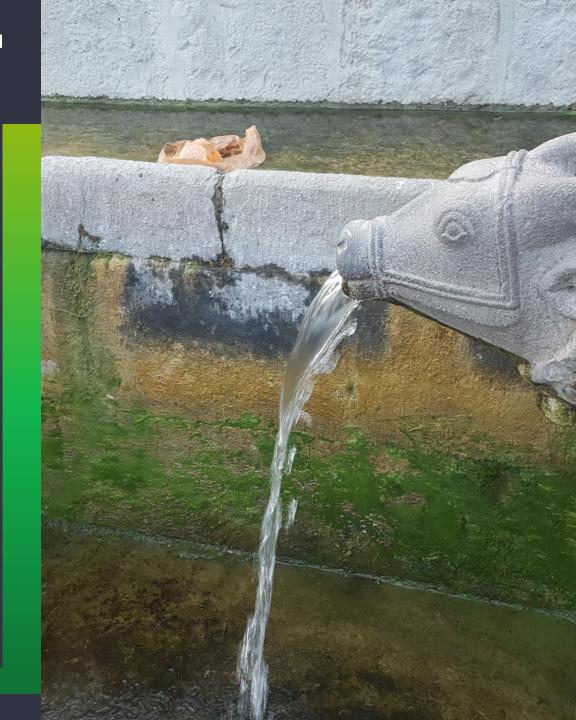


WETLAND DEVELOPMENT

Background

Two *gomukh* are present at the edge of the riverbed, which continuously discharge water.

Gomukh is the structure looking like cow-head, usually made of stone through which water of a live spring/ stream flows. It is a traditional practice of stream conservation across India









A WORD ABOUT MARSHES

Marshy place is itself a habitat.

Then why did we interfere?

In this case, it was not the original character of the riverbed. Marshy places happened due to thoughtless development and equally careless execution.

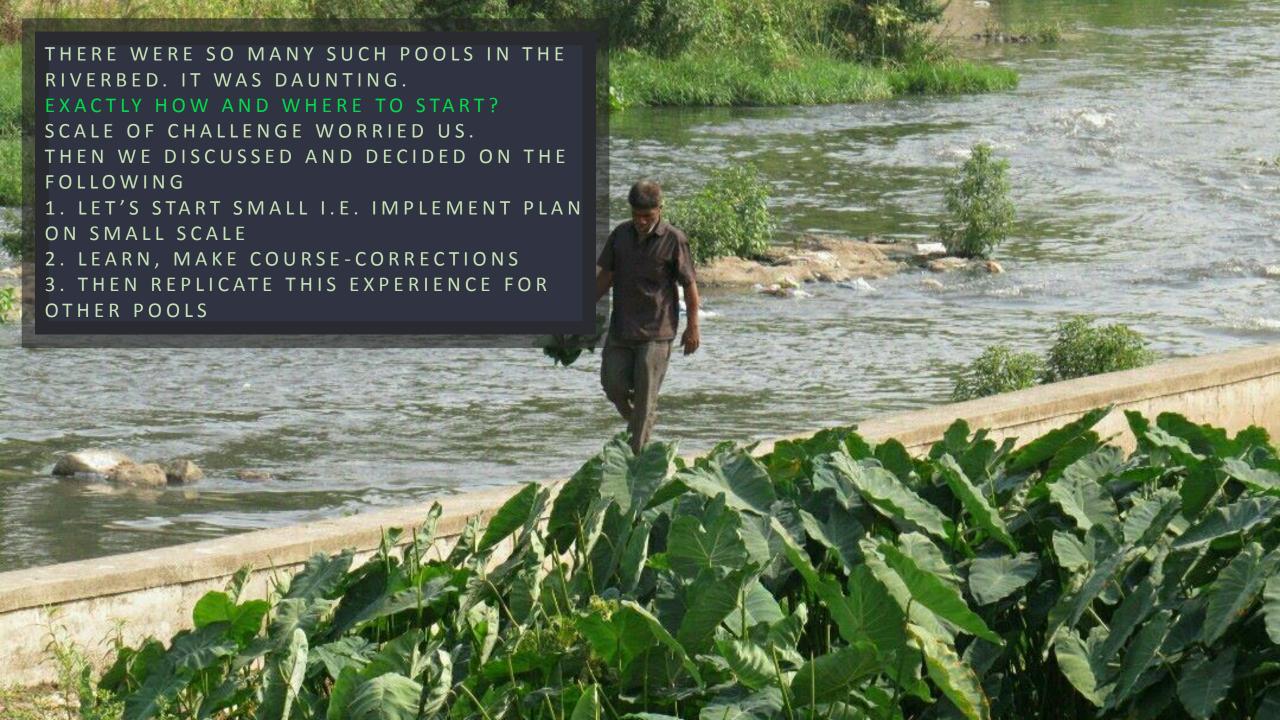
Normally water that should have reached the river, resulted in stagnant pools in the riverbed.

- River thus was deprived of fresh water
- Stagnant pools bred mosquitos
- Stagnation caused water to stink
- People perceived riverbed as an unhealthy and stinky place and avoided it
- Since it became a neglected place, garbage dumping became rampant











Sewage pipeline runs parallel to the river in the riverbed. Concrete platform is constructed over the pipeline for protection. Chambers like the one in the picture are present every 100 meters on the platform for maintenance purpose.

Pool2 at the base of the chamber is due to leakage in the pipeline. Leaking sewage creates stinky, unhealthy pool in the riverbed.

Sewage Treatment facility in Pune city could not keep pace with the growing city. Pune Municipal Corporation admits they discharge into river 29% of untreated sewage.

SEWAGE TREATMENT

Hence, instead of sealing the leakage, we decided to treat this pool as part of wetland development



WETLAND DEVELOPMENT

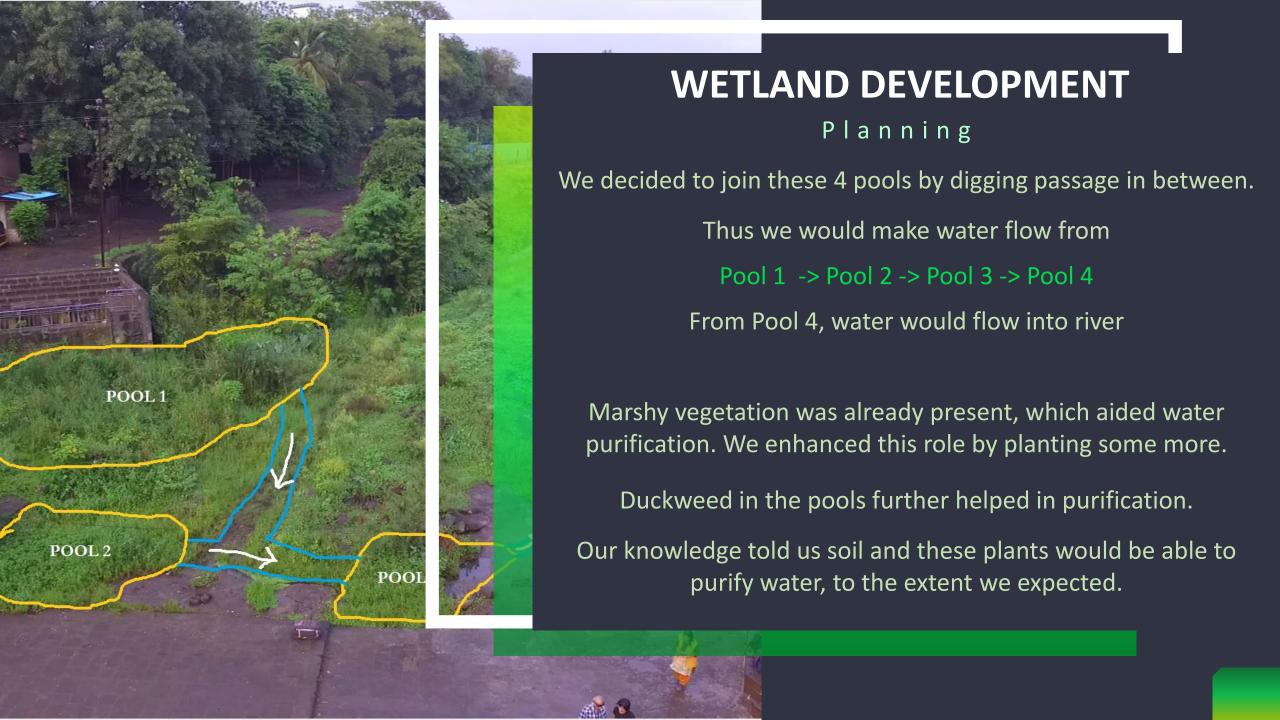
Beginning

Thanks to our ecologist experts, we learnt how these wetlands are integral part of the river ecosystem.

We decided to give it a go and convert those stinking places, home to mosquitos into a beautiful phenomenon which will be naturally purifying the drainage mixed water before reaching to the river stream and at the same time a welcoming site for its visitors

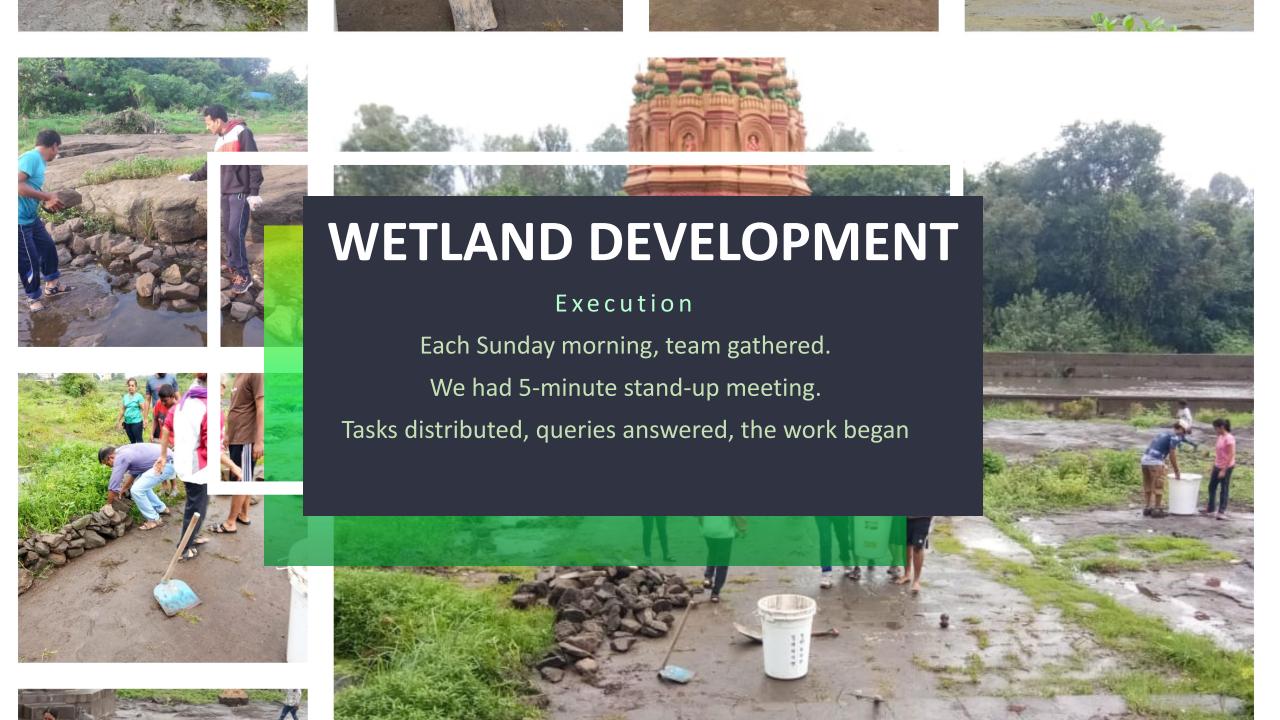






FOR EACH
SUNDAY, WE
DECIDED A SET
OF TASKS FOR
EACH POOL
AND SHARED
WITH THE
TEAM ON
WHATSAPP
GROUP











POOL 1, THE RESULT OF WATER FALLING FROM THE *GOMUKH*, TURNED OUT TO BE MOST CHALLENGING.

BEING URBAN DWELLERS, NONE OF US ARE USED TO HARD PHYSICAL WORK.

TYPHA AND TARO PLANTS WERE EVEN TALLER THAN US. THEY BLOCKED VISUAL ACCESS TO THE WAY AHEAD.

WATER HAD ACCUMULATED, DON'T KNOW FOR HOW MANY YEARS. IT WAS BLACK, STINKY.

MARSHY PLACE MADE IT DIFFICULT TO GET A FOOTING. DIGGING TO MAKE PATH FOR WATER WAS A MAJOR CHALLENGE

ENCOUNTERS WITH SNAKES AND CRABS SCARED US.

JUNE HEAT AND HUMIDITY DRAINED OUR ENERGY













AND THEN IT HAPPENED...

AT LAST IN THE WEEK 4 OF THE PROJECT, WATER STARTED FLOWING OUT OF POOL 1.

EXPRESSIONS OF THE TEAM MEMBERS SAY IT ALL, ISN'T IT?

4 WEEKS OF TOILING IN THE MUD, STINKY WATER FINALLY PAID OFF..

THOUGH COVERED IN MUD AND SWEAT, WE FELT FRESH.

WE REMOVED 3 BINS OF PLASTIC FROM IT.





WETLAND DEVELOPMENT

Success Story

There were many pools in the riverbed.

However, for a year that we have been working here, we did not have fresh water to wash hands after work.

Thanks to the newly created Wetland System, now we have it right in the riverbed

















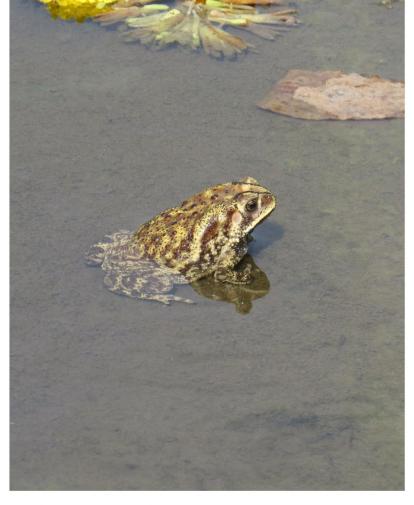














About

Lemnion Green Solutions Pvt. Ltd

Lemnion Green Solutions Pvt. Ltd. promotes and provides tailor-made, green/eco-friendly solutions and services to the environmental problems. These services benefit water treatment and its up-cycling, animal feed, pisciculture, bioenergy and other environmental leads.

www.lemnion.com



About

Oikos for Ecological Services



Oikos provides a spectrum of services catering to different users - private landowners, corporate sector, entrepreneurs, & NGOs - with a specific objective of nature conservation to restore and improve the status of natural resources, processes and biodiversity. We are a social business working for ecological land management since 2002.

www.oikos.in

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TEAM VITTHALWADI

KSHIPRA WAGHMARE VINIT PADALKAR ABHAY HOKE SARANG WAGHMARE OMKAR GANU VARSHA SHRIPAD MANISH GHORPADE MAITHILI PATIL TANMAYI SHINDE KIRTI WANI ANUP KINIKAR VANDANA KOLARKAR PRASANNA PACHWADKAR ASHWINI BHILARE MUKTA DEODHAR APARNA DOLF ARCHANA PACHWADKAR LALIT SHRIPAD MOHAN DATAR DEVYANI RATHOD PRIYA PHULAMBRIKAR YOGINI PALANDE SATCHET PACHWADKAR APARNA BRAHME ADISH BARVE PRIYAMVADA PACHWADKAR PRAVINJAT MUGDHA NALAVADE NITI DANDEKAR SANJAY RATHOD MADHAV PATIL VEENA BAGADE RAHUL SANE PURNIMA PHADKE ADITI DEODHAR NIRANJAN UPASANI SUCHETA SHRINGARPURE MANJUSHA OAK AKASH SWAPNIL MANGESH BHAGYASHRI SURABHI NERKAR USHAPRABHA PAGE AJINKYA SHRIPAD SWATI KOTLIKAR ANURADHA KODILKAR ARYA MOTAGHARE DHRUV ADITYA TALASHILKAR HEMANT PAWAR BABA WAGHMARE DHARMARAJ PATIL SHALMALI NALAVADE SHAILAJA DESHPANDE

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