

“2 OUT OF 3 PEOPLE
WILL BE FACING WATER
SHORTAGES BY 2025...
GLOBAL CONFLICT WILL
INEVITABLY RESULT”

- UNITED NATIONS

95%
OF UNITED STATES FRESH
WATER IS IN THE
GREAT LAKES

CHICAGO CONSUMES
1,000,000,000
GALLONS OF WATER A DAY
FROM LAKE MICHIGAN
AND REPLENISHES

0%

WE CAN REPLENISH THE WATER
BACK TO WHERE IT BELONGS !
THE ECO-BOULEVARD IS
THE ANSWER

OUR GOALS

- ORGANIZE RELEVANT INFORMATION THAT WILL CONTRIBUTE TO THE CONSTRUCTION OF AN ECO-BOULEVARD ALONG 31ST STREET.
- CATALOGUE A SERIES OF CASE STUDIES THAT CONTAIN RELEVANT INFORMATION ON LIVING MACHINES AND ECOLOGICAL METHODS THAT COULD BE INCORPORATED TO THE ECO-BOULEVARD
- CATALOGUE A SERIES OF PROPOSALS THAT WILL HELP IN THE DEVELOPMENT OF FUTURE PLANS TO BUILD THE ECO-BOULEVARD
- CREATE AN INTERACTIVE WEBSITE WHERE THE COMMUNITY COULD FIND OUT MORE ABOUT THE INITIATIVE AND GET INTERESTED IN THE EFFORT

WHAT IS AN ECO-BOULEVARD?

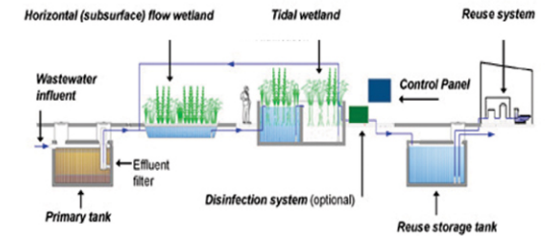
AN ECO-BOULEVARD IS AN GREEN URBAN CORRIDOR WHOSE FUNCTION WILL BE TO CLEANSE RUN-OFF WATER THROUGH NATURAL PROCESSES AND RESTORE IT TO ITS SOURCE BY COMBINING A LIVING MACHINE AND WATER RETENTION METHODS.

BESIDES ITS ECOLOGICAL MISSION, THE BOULEVARD WILL BEHAVE VERY MUCH LIKE PARK, THUS HAVING A SERIES OF SERVICES AND FACILITIES AIMED AT IMPROVING THE LIVES OF THE PEOPLE IN THE COMMUNITY.

THE BOULEVARD WILL ALSO BECOME AN EDUCATIONAL EXPERIENCE FOR ALL USERS INTERESTED IN LEARNING MORE ABOUT THE ECOLOGICAL SIDE OF THE PROJECT.

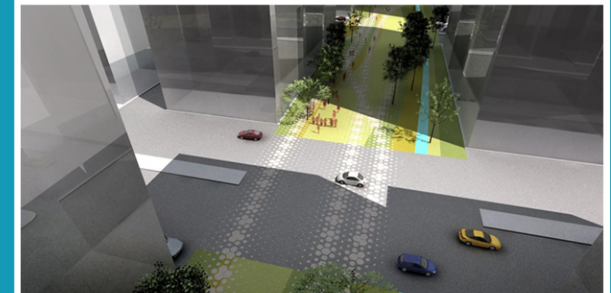
WHAT IS A LIVING MACHINE?

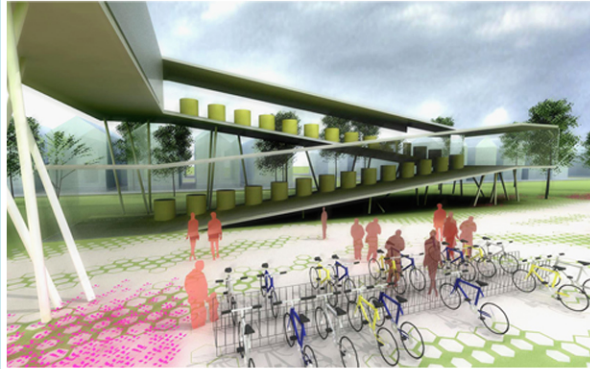
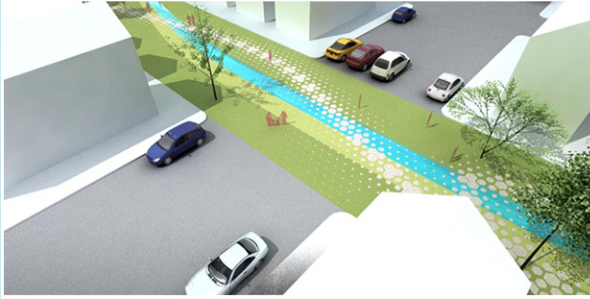
A LIVING MACHINE IS A FORM OF BIOLOGICAL WASTEWATER TREATMENT DESIGNED TO IMITATE THE FUNCTIONS OF WETLANDS. THESE SYSTEMS CAN ALSO PRODUCE BENEFICIAL BY-PRODUCTS SUCH AS METHANE GAS.



BENEFITS

- RESTORE THE WATER WE CONSUME BACK TO THE GREAT LAKES
- INCREASE THE GREEN SPACE ALONG 31ST STREET.
- PROVIDE NEW RECREATION AREAS FOR THE COMMUNITY
- CREATE A HANDS-ON LEARNING EXPERIENCE FOR ALL AGES
- SUPPORT NEW LOCAL BUSINESSES THAT COULD REVITALIZE THE COMMUNITY
- ATTRACT INTEREST TO THE AREA, AND NEW ECONOMIC OPPORTUNITIES.





ACCOMPLISHMENTS

- WE HAVE RESEARCHED IMPORTANT CASE STUDIES THAT CONTRIBUTED TO THE FORMULATION OF USEFUL IDEAS THAT COULD BE APPLIED IN THE ECO-BOULEVARD.
- WE HAVE ORGANIZED AND CATALOGUED ALL RESEARCH AND OTHER USEFUL INFORMATION IN A WEBSITE.
- WE HAVE MADE AN USER-FRIENDLY, INTERACTIVE WEBSITE THAT WILL ALLOW THE USER TO CREATE A VIRTUAL REPRESENTATION OF THE ECO-BOULEVARD
- WE HAVE PAVED THE WAY FOR A FUTURE IPRO TO DESIGN AND APPLY MUCH OF THE IDEAS AND INFORMATION TO THE MAKING OF AN ECO-BOULEVARD ALONG 31ST STREET.

FOR MORE INFORMATION
VISIT OUR WEBSITE

WWW.GROWINGWATER.COM



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ILLINOIS INSTITUTE
OF TECHNOLOGY

IPRO 322



A CATALOGUE OF PROPOSALS
FOR THE CONSTRUCTION
OF AN ECO-BOULEVARD
IN 31ST STREET



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