



Green Infrastructures



What I Did....

Research Project: Catalytic Electrode Coatings for the Removal of Pesticides in Drinking Water Using Ozonation/Electrolysis Systems

Identify/Define The Problem

The concentration of pesticides (like atrazine) in surface water is considerably high throughout the U.S.



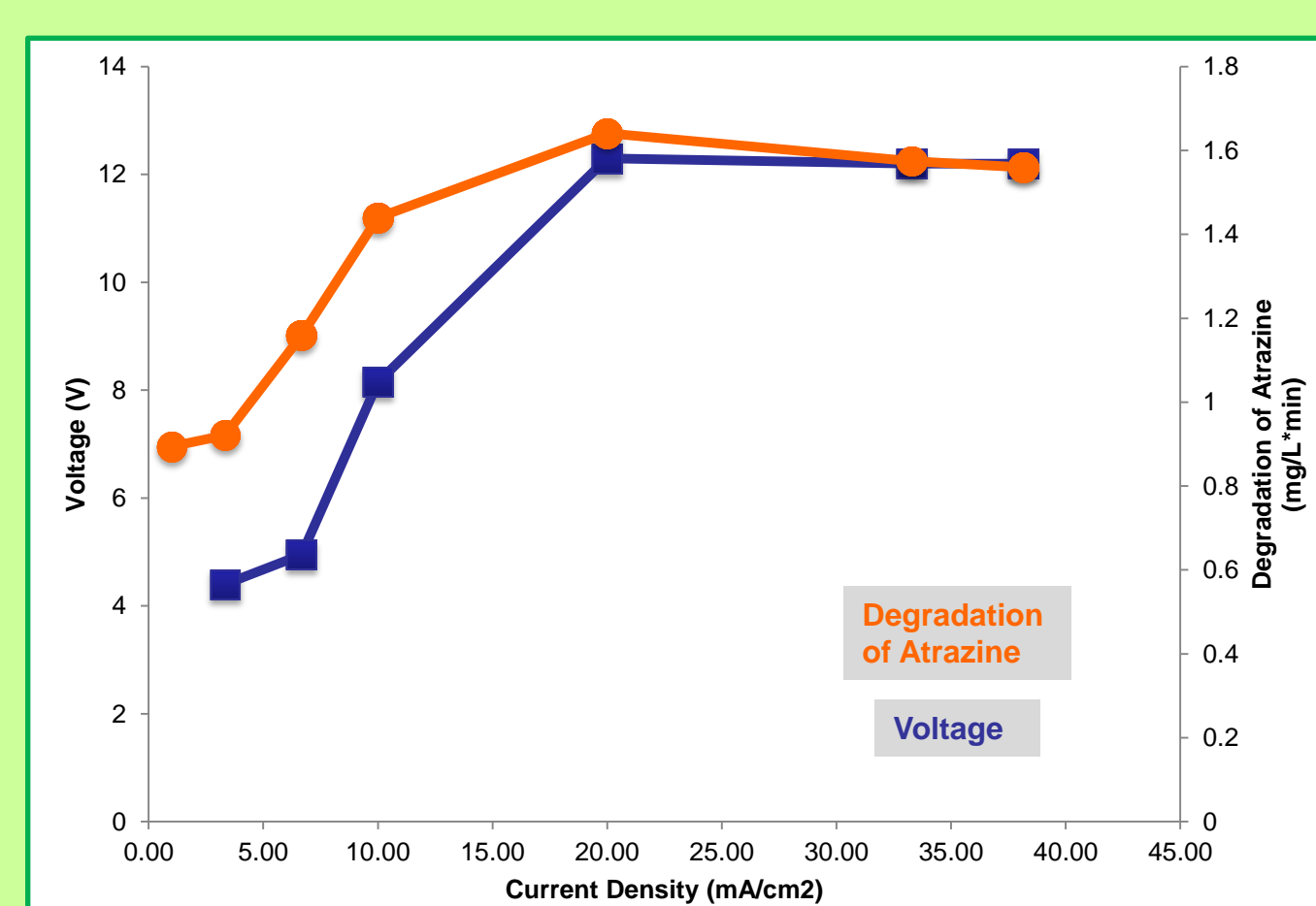
Gather Information & Identify Alternatives

Optimize a treatment system of drinking water for removal of atrazine using an electric current and ozone gas in a controlled system.

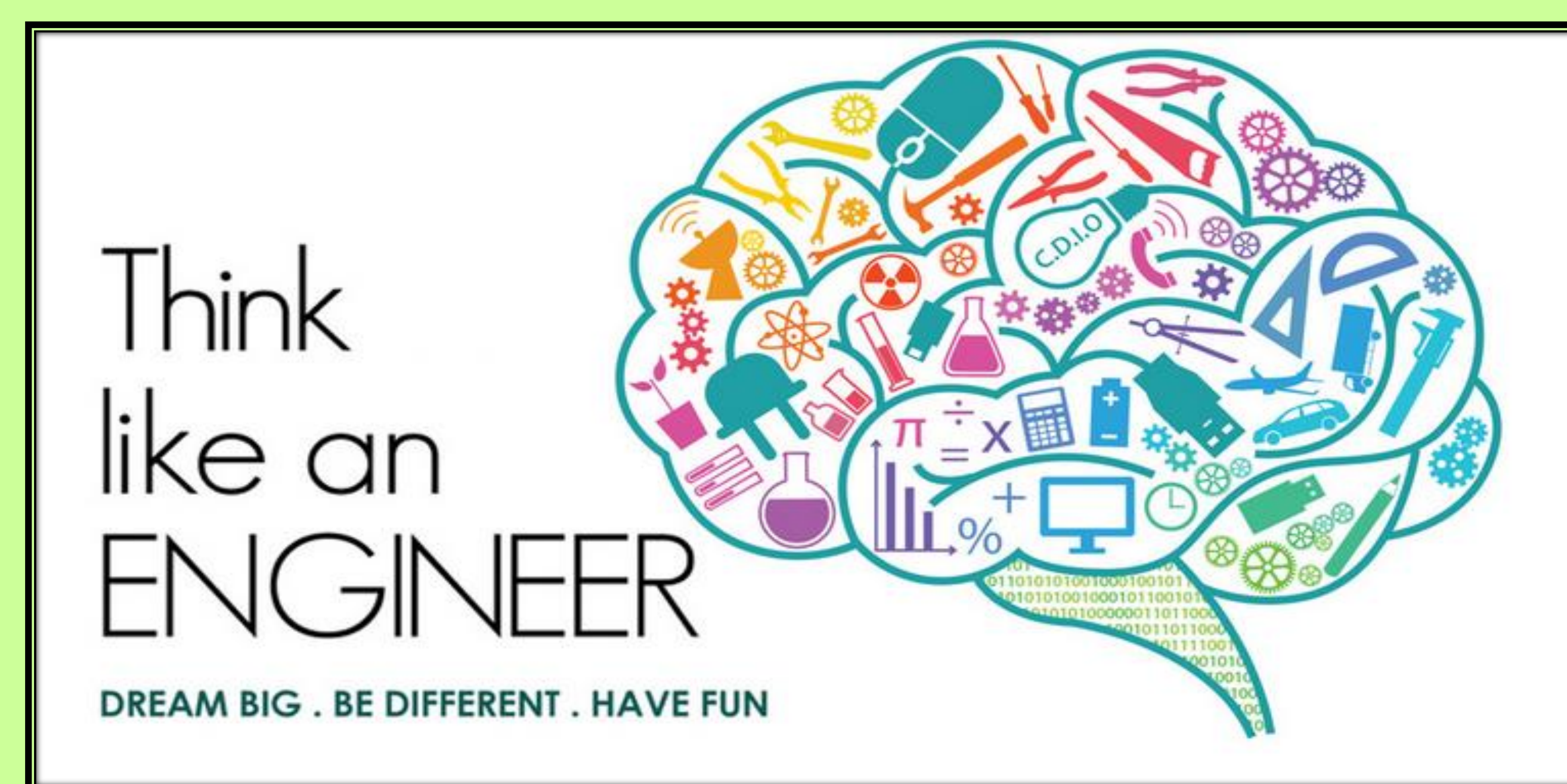


Findings

More is not always optimal



What You Will Do...



Be Ready To...



- Identify and define a problem within our community
- Research and gather information about the problem
- Use the findings from the research to formulate a challenge

What You Should Think About...

Big Idea: Green Infrastructures



- What is the relationship between a natural and urban water cycle?
- What causes water run-off pollution and where does it end up?
- What are the components of a “green” infrastructure?

