

Decoding **Green** Chemistry for Workers

Western Region Universities Consortium (WRUC)
UC Berkeley Labor Occupational Health Program
UCLA Labor Occupational Safety and Health Program



Decoding Green Chemistry for Workers



Discuss need for green chemistry and its basic principles



Present successful real life examples



Explore implications for worker health and safety



Provide tools to take back to the worksite



UC BERKELEY

Green Chemistry Teaching Postcard

DTS



Modules

- Session 1 – Getting Started/
Sustainability
- Session 2 – Chemical Hazard Awareness
- Session 3 – Regulations
- Session 4 – What Green is Chemistry
- Session 5 – Principles of Green Chemistry
- Session 6 – Green Chemistry and
Workers

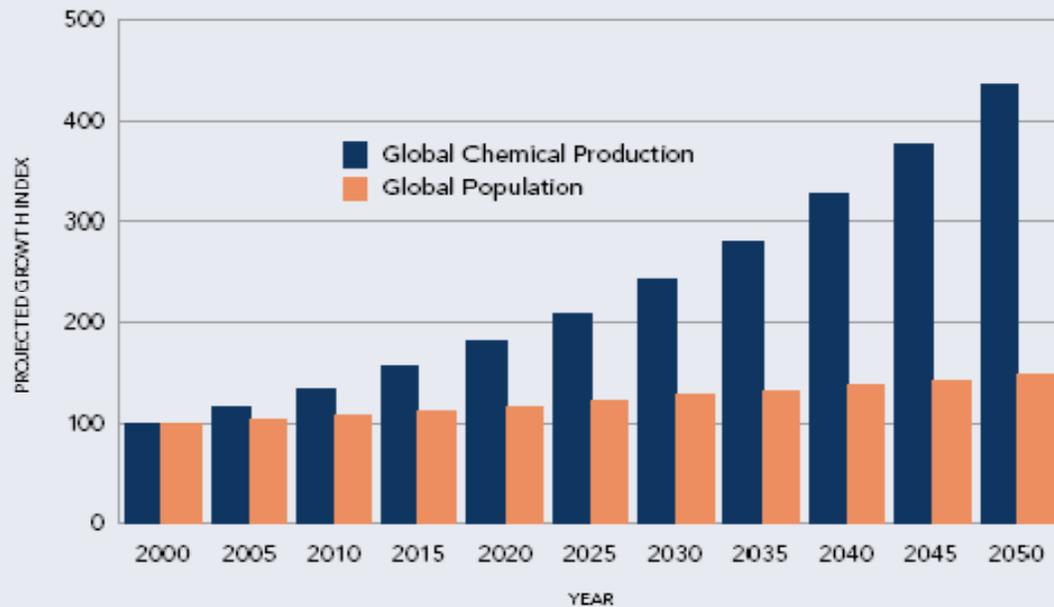
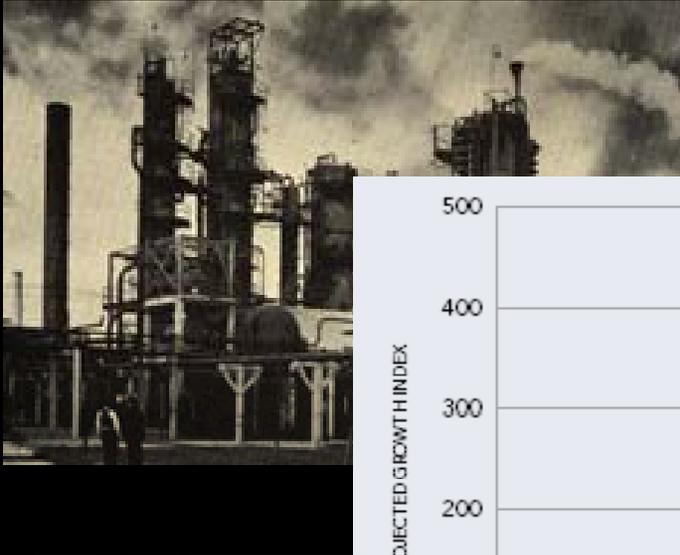
“Show Me the Chemicals”

Think about your average day.

What chemicals do you come into contact with
in your life?

List as many of them as you can in the next
couple of minutes...

Timeline



What things would you like to see
last beyond your lifetime?

What is “sustainability”?

*To meet the needs of the present
without compromising the ability of
future generations to meet their
own needs.*

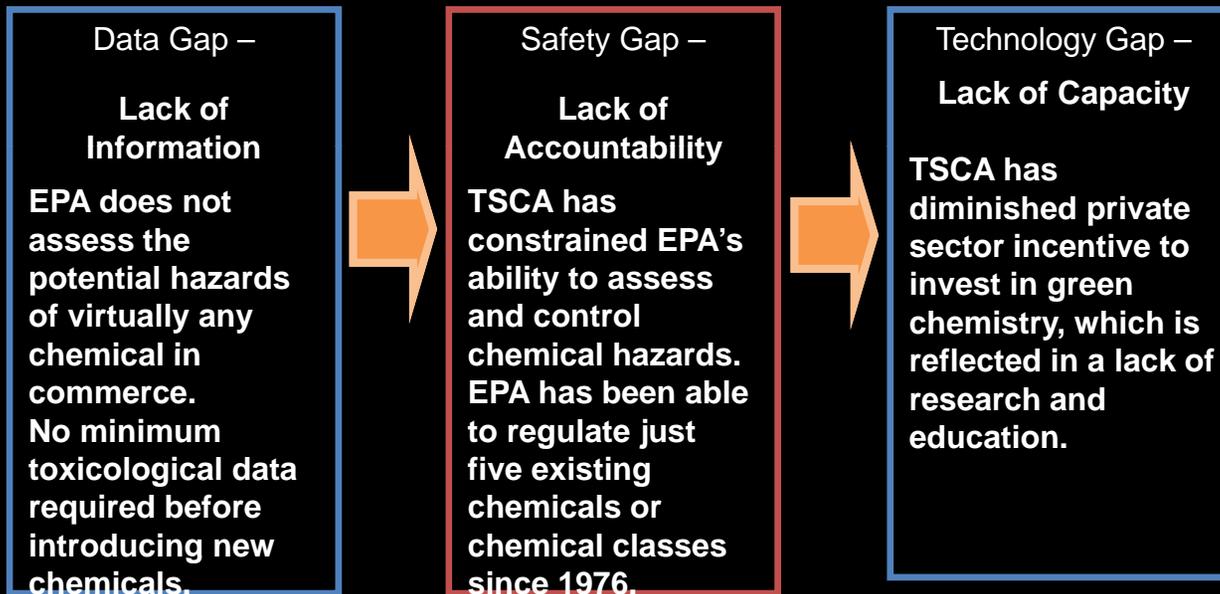
What we want to see in the Future

- clean air ENV
- stop drilling New tech. - MORE GREEN JOBS! ECON
- stop taking advantage of workers all over world - go green - more retrofits
- No chemical warfare substitute for oil
- Reduce junkyards from city ENV
- Prevention/Safety Plan for new chemicals
- Stop cutting trees / ENV
- clean water & sea life ENV
- People over Profit ECON
- enforcement in small companies
- Stop disposing chemicals in rivers ENV

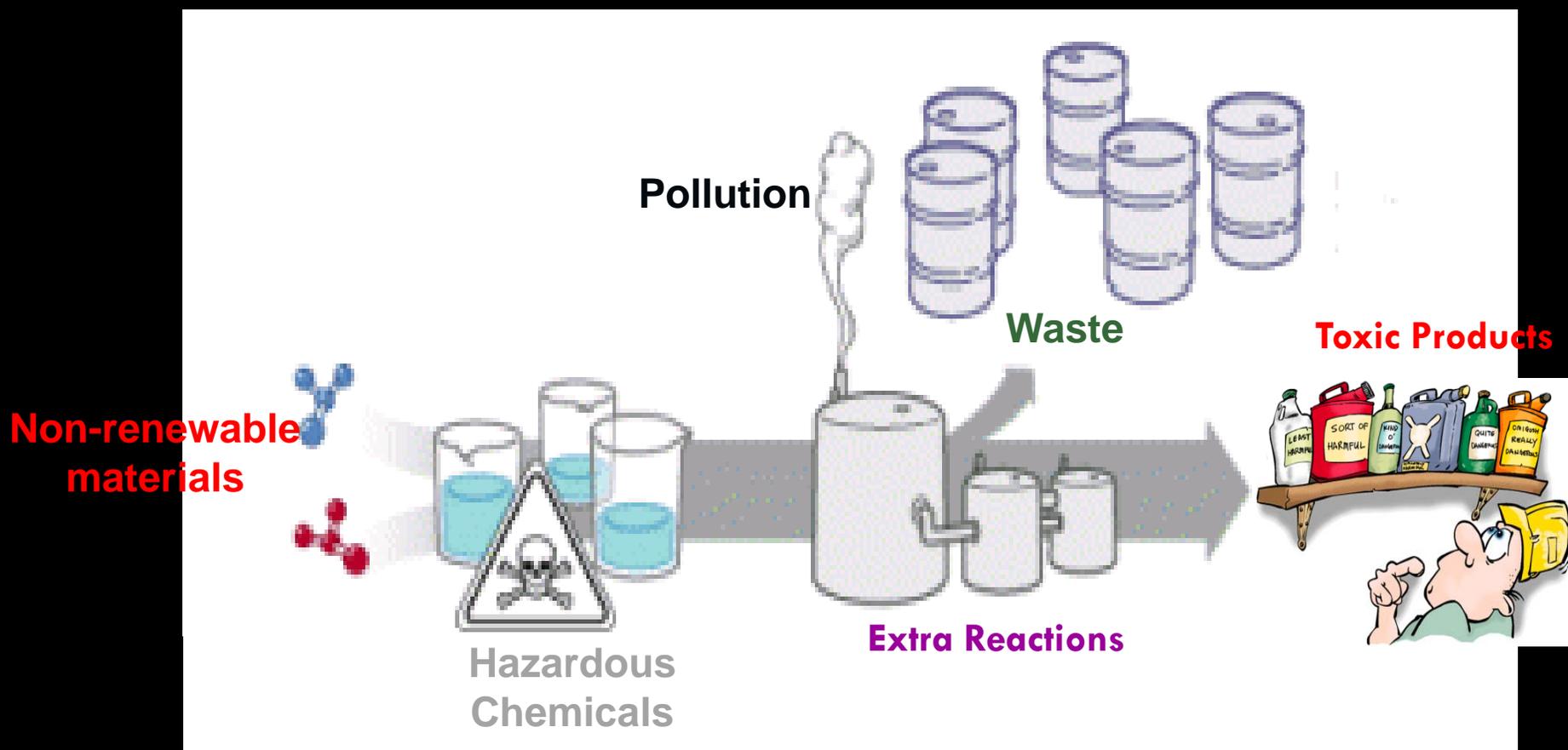
BETTER
WORLD!



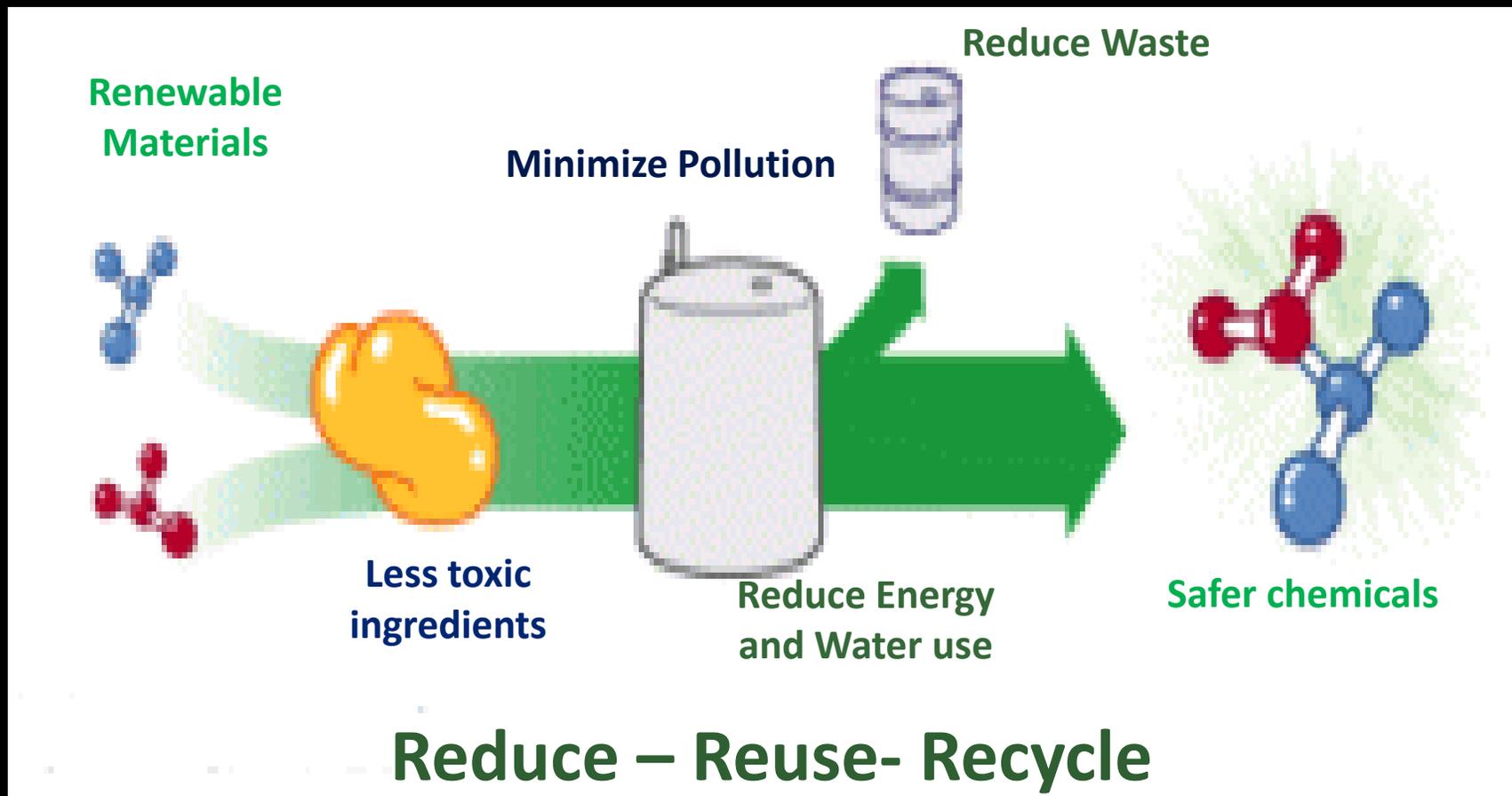
Gaps in US Chemicals Policy*



Conventional Chemistry



Green Chemistry Means...



Case Study – Luis' Story



Activity



What Can Workers Do? . . .

- **At work?**
- **In the community?**
- **At the legislative level?**
- **At the economic level?**
- **As consumers?**

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