



OUR SOCIAL
JUSTICE
PRESENTATIONS

Laudato Si – ANF
presentation

- Laudato Si or Care for our Common Home was the title of Pope Francis' 2015 encyclical letter on the need for an "Integral Ecology" that respects the dignity and value of the human person, helps the poor and safeguards the planet.
- The environment faces threats unprecedented. These challenges include decreasing biodiversity, shrinking natural resources, the transition to renewable energy sources, demanding fresh water supplies, declining food quality and availability, and a challenging global climate.
- This year we decided to commit and contribute to sustainability as outlined by each of the 7 Laudato Si goals.





WHAT DOES LAUDATO SI SAY ABOUT THE POOR?

- Pope Francis wrote scornfully about those with power who are far removed from the poor, who never come in contact and experience these concerns.
- As Pope Francis emphasized, “All of us can cooperate as instruments of God for the Care of Creation, each according to his or her own culture, experience, involvement and talents” (LS14)
- At this point after much discussion at the Executive level, we came up with 6 topics that we were most interested in.





WHAT ARE THE 7 LAUDATO SI GOALS

1. Respond to the cry of the earth
2. Respond to the cry of the poor
3. Support ecological economics
4. Adopt sustainable lifestyle
5. Ecological education
6. Foster ecological spiritualities
7. Ensuring community resilience and empowerment



FAST FASHION

Victoria Goldsack

WHAT IS FAST FASHION?

- Inexpensive clothing produced rapidly by mass-market retailers in response to the latest trends.
- Retailers like H&M and Forever 21
- Cost Effective, low quality Garments



ENVIRONMENTAL IMPACTS OF FASHION

- The clothing industry is the second-largest global polluter



NEGATIVE IMPACT AREAS OF THE APPAREL INDUSTRY

RESOURCES
DEPLETION



CLIMATE
CHANGE



ANIMAL
SUFFERING



WATER
POLLUTION



FOOD
INSECURITY



AIR
POLLUTION



HABITAT
DESTRUCTION



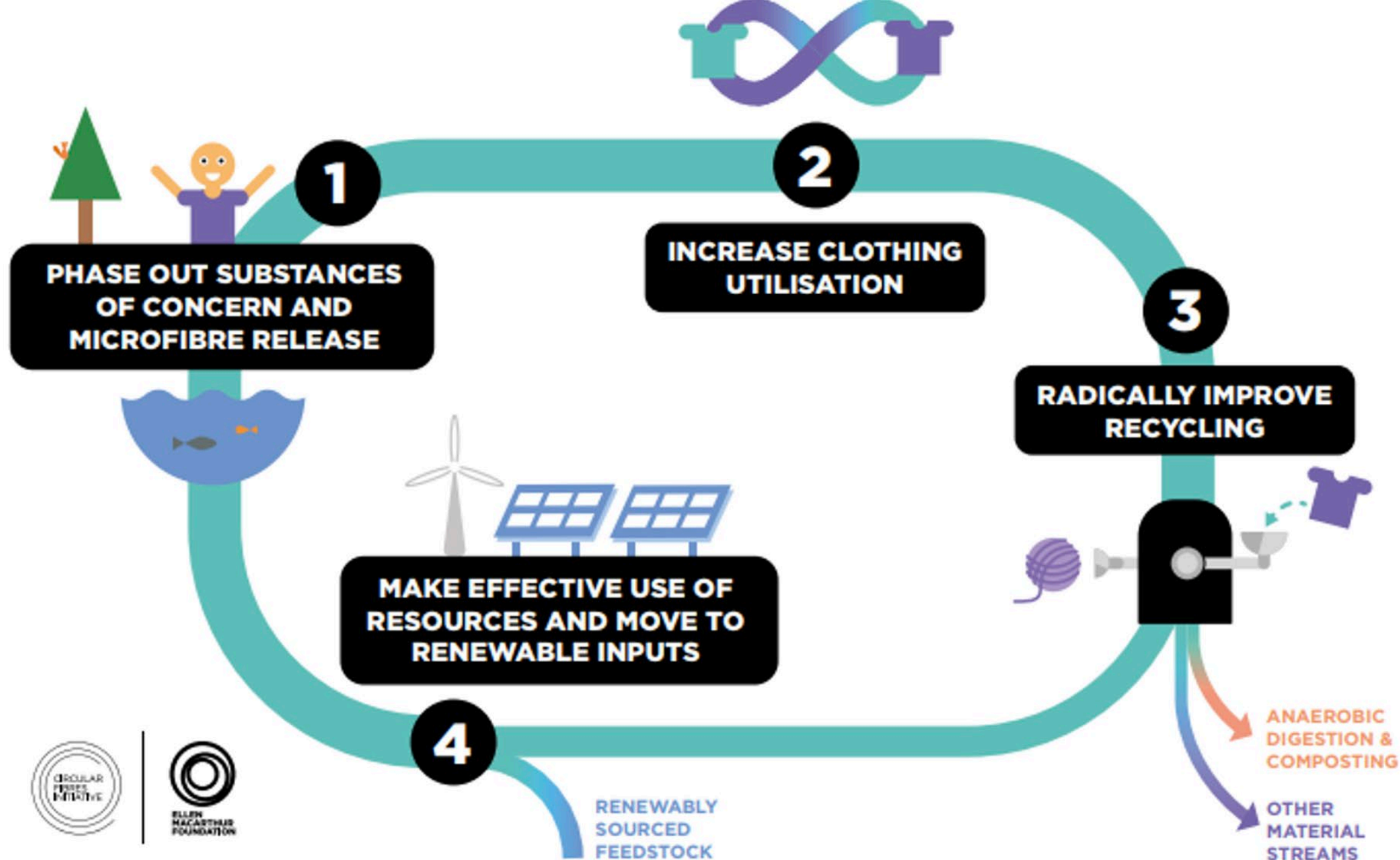
HUMAN RIGHTS
ABUSES



BANGLADESH FACTORY 2013



In 2013, the collapsed Rana Plaza in Bangladesh killed more than 1,100 people.





WHAT GOALS OF LADAUTO SI IT MET

- #2- respond to the cry of the poor
- #3- support ecological economics
- #4- adopt sustainable lifestyle
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- #6- foster ecological spiritualties
- #7- ensuring community resilience and empowerment



A top-down view of a white ceramic bowl filled with various food items. The bowl contains several bright red raspberries, some whole green grapes, and some dark red grapes. There are also several almonds, some whole and some sliced, and a few walnut halves. The food is arranged in a somewhat haphazard manner, suggesting it might be a collection of leftovers or scraps. The lighting is soft and even, highlighting the textures of the different foods.

FOOD WASTE

Victoria Goldsack

Nutritious food
should go to
people, not
landfills.



The Problem of Hunger

1 in 3 Canadians are experiencing food insecurity. This number increases for BIPOC families and families with children.



Food Waste Effects on the Environment



- The 2.3 million tons of food Canadians waste is equal to 2.1 million cars on the road, emitting 6.9 million tons of CO₂ into the atmosphere every year.
- The food rotting in landfills emits methane gas

Solutions



If we all start using up the food we buy, together we can make a big difference.



Store your food properly so it stays fresh



Use up your leftovers



Meal plan

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and empowerment





WATER CRISIS

Aidan Jardine & Donna McCarrey

World Water Gap

- **Despite the apparent abundance of clean water in the US and most of the developed world, more than 20% of the Earth's population lacks clean, safe drinking water.**



Pollution is a Big Problem Too

- **Types of pollution in fresh water:**
 - Sewage is the most common
 - Pesticides and fertilizers
 - Industrial waste dumping
 - High levels of arsenic and fluoride



Sources: http://www.marenrecycling.com/polluted_water.JPG

<http://mainegov-images.informe.org/agriculture/pesticides/drift/mstblow1.gif>



Impact of Water Scarcity II

- **World Health Organization estimates:**
 - 80% of all sickness in the world is attributable to unsafe water and sanitation
 - The leading causes of death in children under 5 are related to unclean water; there are about 5,000 child deaths every day
 - Without action, as many as 135 million people could die from water-related diseases by 2020





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A photograph of a beach with numerous discarded plastic water bottles scattered across the sand. The bottles are mostly clear with blue caps, some are crushed, and some have water droplets on them. The background shows the ocean and a cloudy sky.

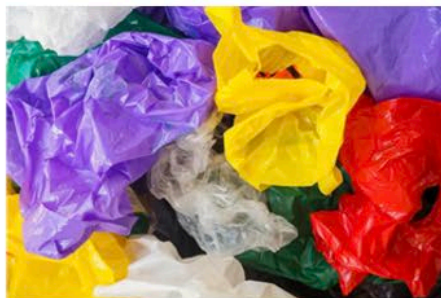
PLASTICS AND NON-BIODEGRADABLES

Victoria Wright & Luisanna Chacon-Rodriguez

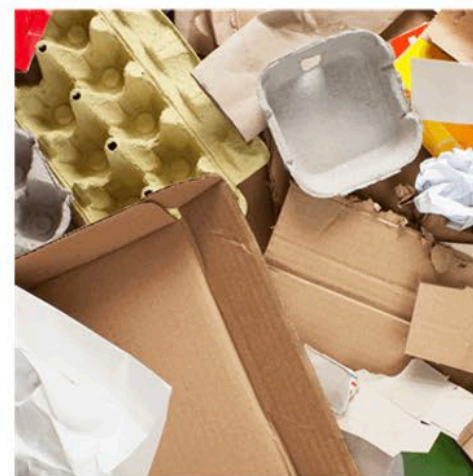
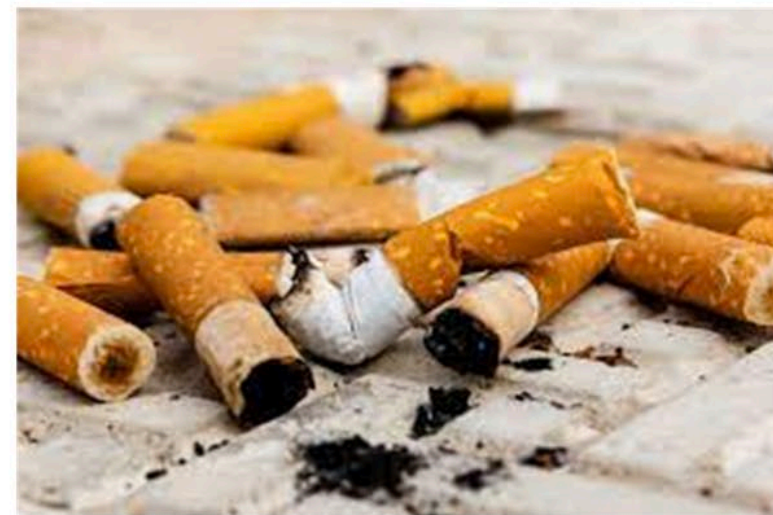
Laudato Si

"Throwing away plastic in the sea is criminal. This kills biodiversity, the Earth, everything," Pope Francis said. "If things don't change, our grandchildren ...will have to live in an uninhabitable."





Plastics



Microplastics: Affect on Ecosystems

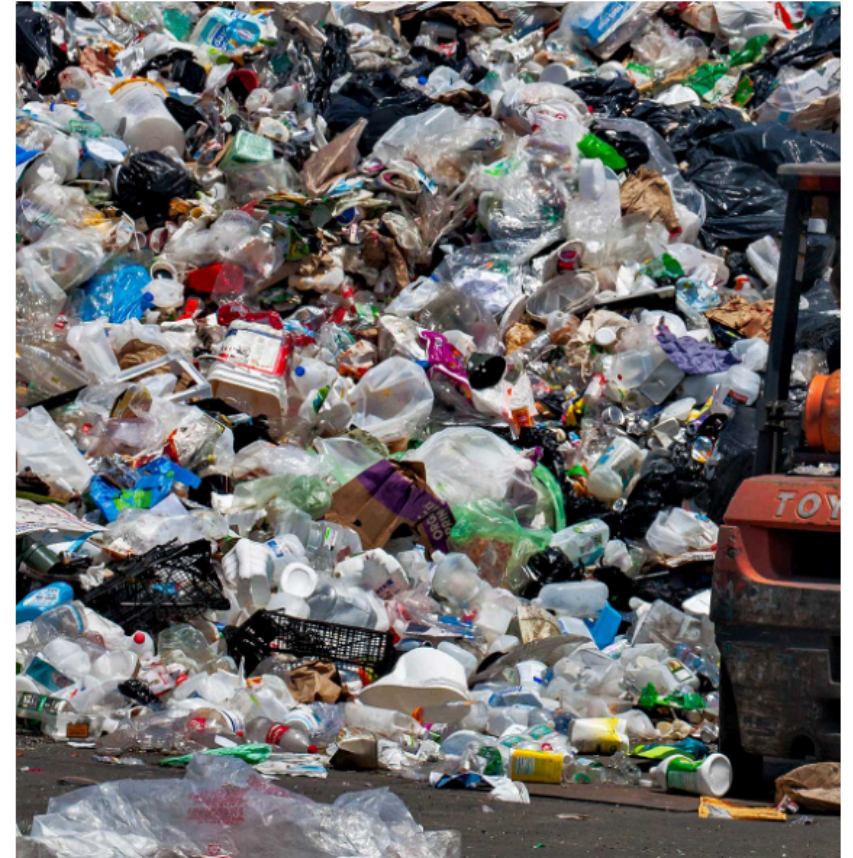
Most of the deaths to animals are caused by entanglement or starvation.

- In the last not even one hundred years—mostly since the 1950s—we as humans have produced 8 billion tons of plastic, and the estimate is only about ten percent of that has been recycled.
- Once released or broken away from their original plastic product, **primary and secondary** microplastics can travel through waterways and end up in the ecosystems that serve as homes to a range of marine life, including algae, zooplankton, fish, crabs, sea turtles, and birds.
- Microplastics are so easily ingested by living things.
- Other pollutants from the water tend to collect on the surface of these microplastics; when animals ingest the plastic, they are also ingesting those toxic chemicals. These substances begin to accumulate in their body and slowly make their way up the food chain.



Plastic Pollution in Landfills

- People in Canada discard about **57 million plastic drinking straws** every day.
- “In my hometown of Vancouver, we toss out 2.6 million disposable cups every week.” –[David Suzuki](#) . Plastic products are choking landfills and waterways and causing devastation in the oceans.
- In 2014, scientists even found **a new kind of stone in Hawaii**, made of sand, shells, coral, volcanic rock and plastic.
- The city says it costs about **\$2.5 million** a year to collect single-use items from public waste bins and parks, streets and green spaces.



Going Beyond the Three R's

- Reduce
- Reuse
- Refuse
- Reclaim
- Revitalize
- Refurbish
- Rethink
- Redesign



Conclusion



Follow the R's



Check out the 20 tips



Be cautious on the clothing you buy.



Find products that are made with natural fibers
(cotton, silk, wool, hemp, bamboo, etc.)



STOP purchasing plastic bottles



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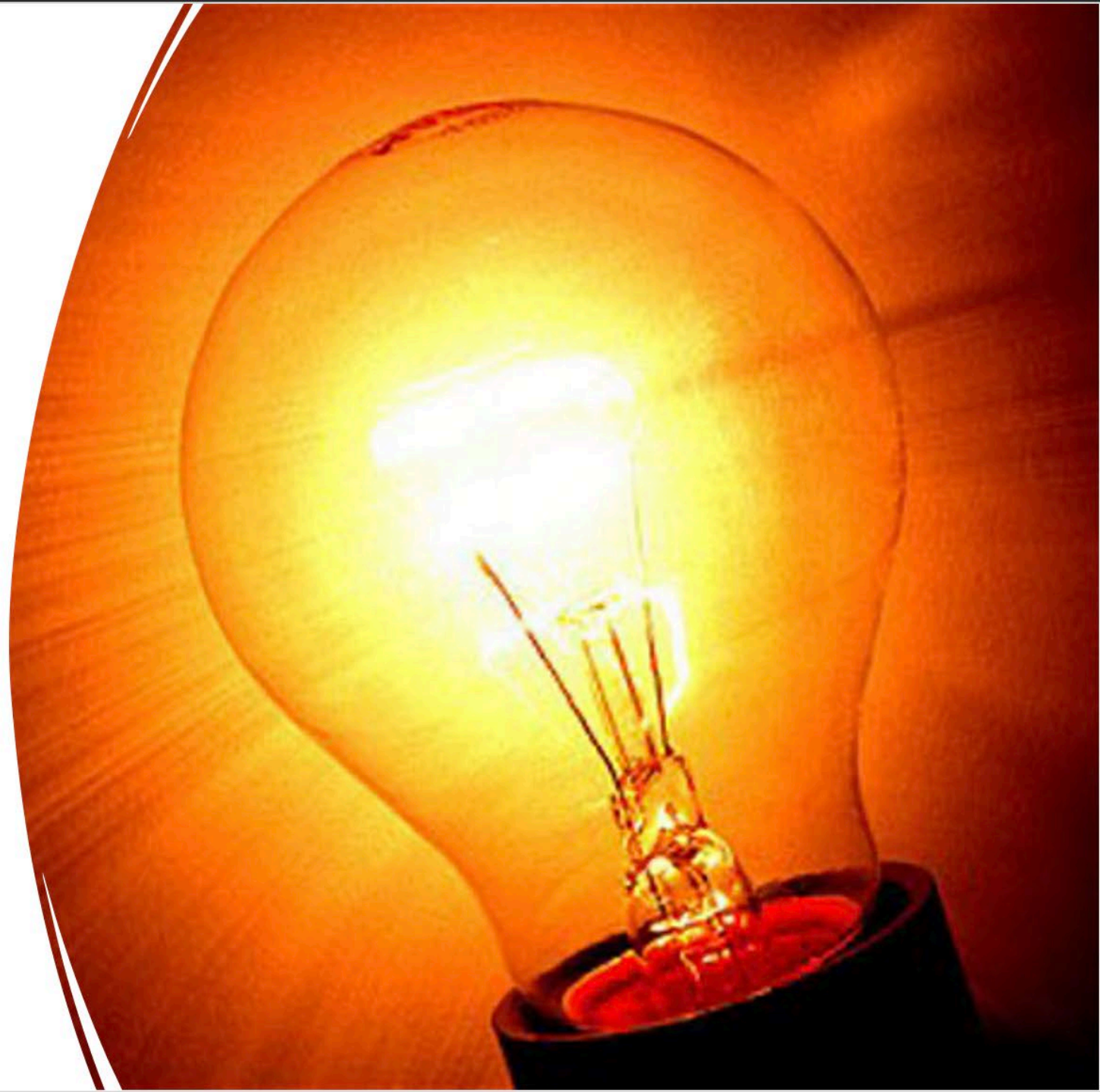
A photograph of a nuclear power plant with two large cooling towers and several smokestacks emitting white steam. The plant is situated behind a line of trees, with a golden field in the foreground. The sky is blue with many power lines stretching across it.

ENERGY WASTE

Charlie Appleton & Wes Steele

DESCRIPTION OF ENERGY

- energy, in physics, the capacity for doing work. It may exist in potential, kinetic, thermal, electrical, chemical, nuclear, or other various forms. There are, moreover, heat and work—i.e., energy in the process of transfer from one body to another.





HOW IS THIS ENERGY BEING WASTED?

- Leaving lights on in a house or a building with nobody in it
- Traffic congestion
- Excessive amounts of screen time
- Using household products without any need



WIND ENERGY

- Wind energy is one of the best types of energy
- Wind turbines
- Wind energy is close to the great lakes
- Wind energy is super useful to Canada





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A person stands on the peak of a dark, jagged mountain. The sky is a warm, golden-yellow color, suggesting a sunset or sunrise. The mountain's silhouette is sharp against the bright sky. The overall mood is serene and majestic.

THE AIR I BREATHE

Charlie Appleton & Luisanna Chacon-Rodriguez

Description of Air Pollution

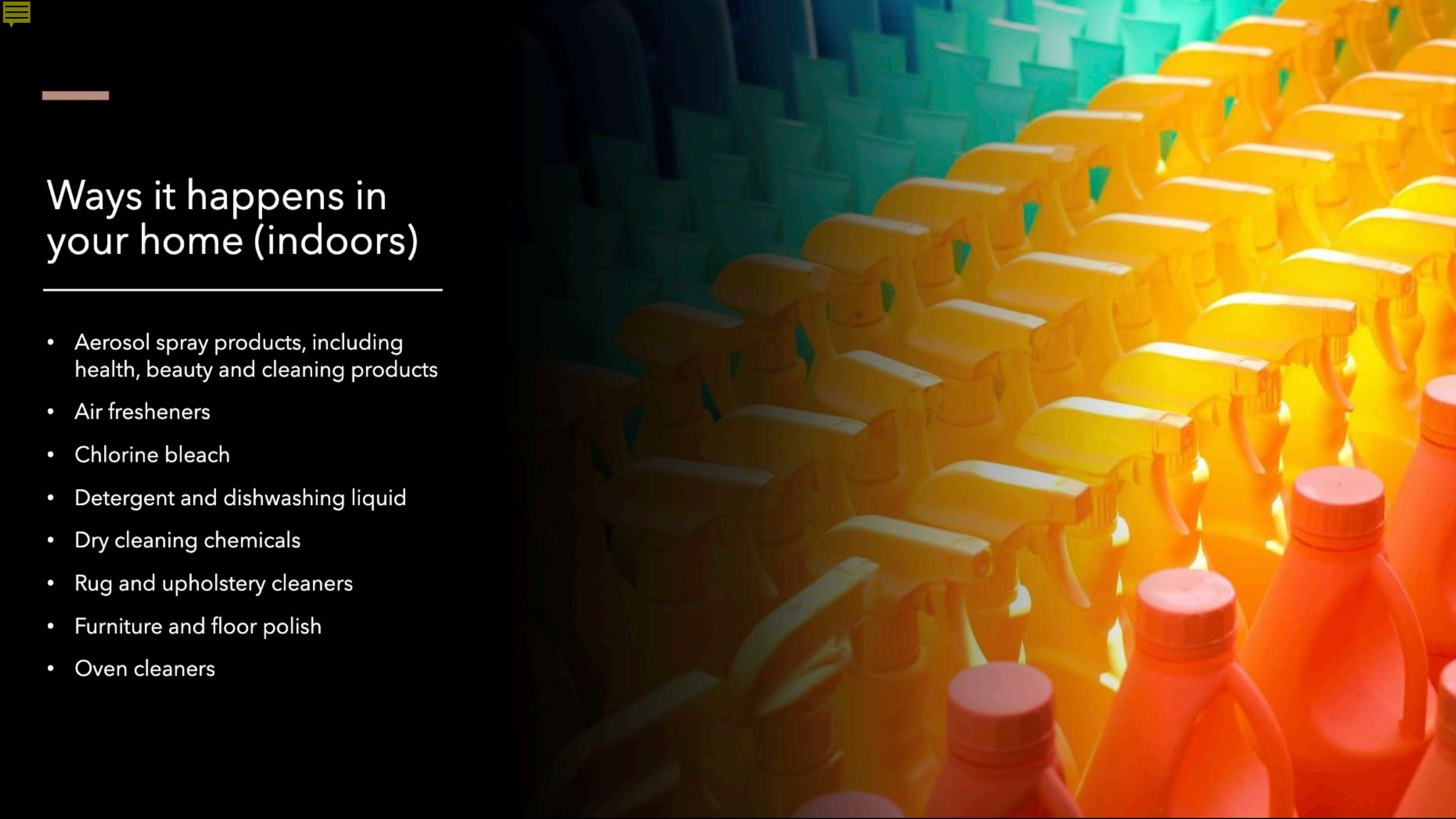
- Air pollution is contamination of the indoor or outdoor environment by any chemical, physical or biological agent that modifies the natural characteristics of the atmosphere.
- Household combustion devices, motor vehicles, industrial facilities and forest fires are common sources of air pollution.
- WHO data show that almost all of the global population (99%) breathe air that exceeds WHO guideline limits and contains high levels of pollutants.
- Air quality is closely linked to the earth's climate and ecosystems globally.



Agriculture and Air Pollution

- Agriculture is a big factor
- All fruits & vegetables are big contributors
- Cars
- Trucks
- Bonfires
- Factories
- Natural fires
- Herbicides
- Pesticides
- Fertilizers





Ways it happens in your home (indoors)

- Aerosol spray products, including health, beauty and cleaning products
- Air fresheners
- Chlorine bleach
- Detergent and dishwashing liquid
- Dry cleaning chemicals
- Rug and upholstery cleaners
- Furniture and floor polish
- Oven cleaners



Ways You Can Reduce Air Pollution

Mitigation Strategies:

- Regulations
- Renewable Energy
- Public Transportation
- Technology
- Awareness and Education





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THANK YOU