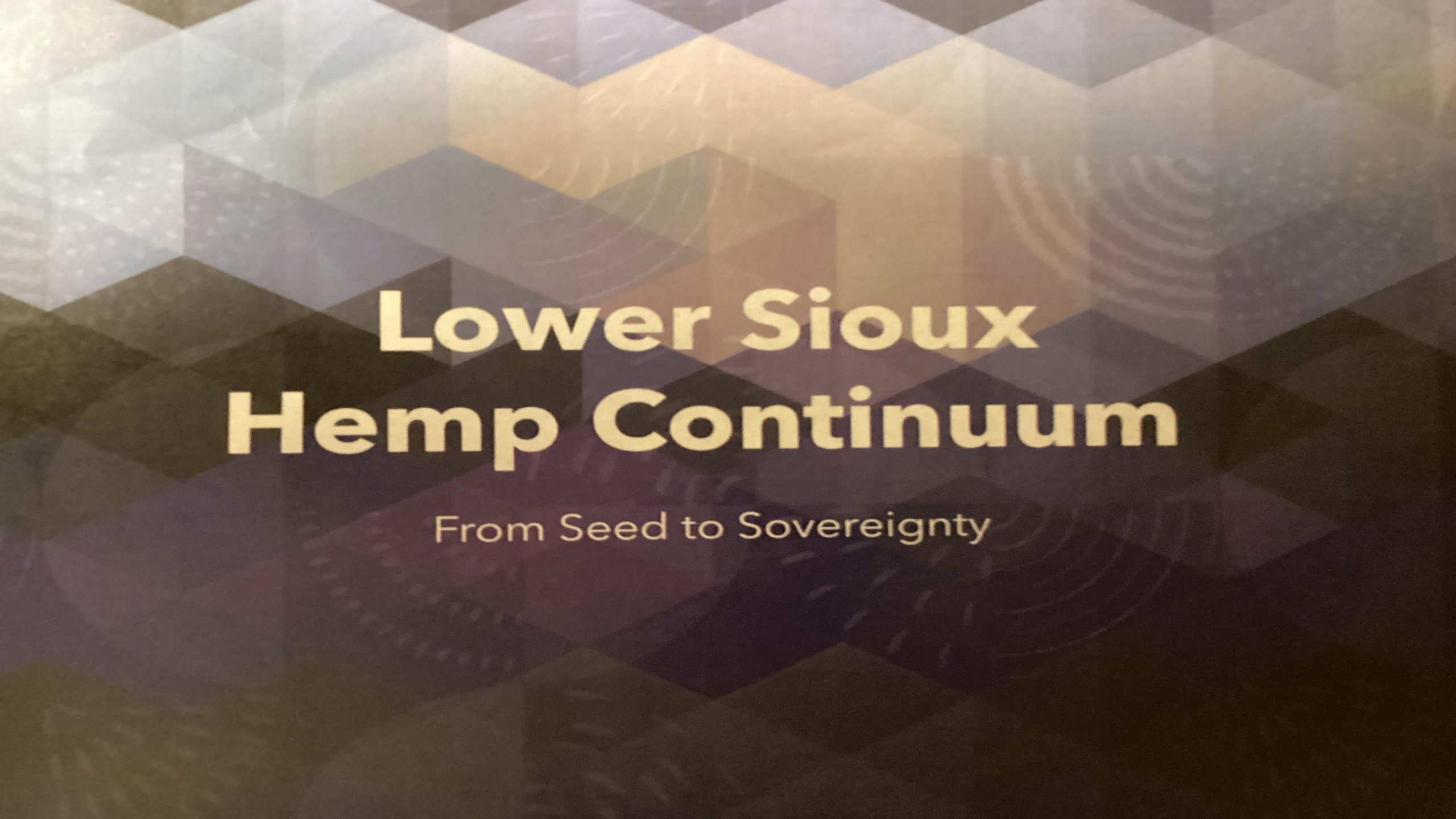




Lower Sioux Hemp Continuum

From Seed to Sovereignty



Benefits of Growing Hemp

- Carbon absorption during growth
- Root system
- Zero use of herbicides and pesticides



Hemp Processing

- Fiber Decortication System- Ag Solutions Inc
- 1-ton/hour Capacity
- Max 2,000 acres/year

Benefits of Building With Hemp-Lime

- Fireproof
- Mold Resistant
- Pest Resistant
- Long Lasting
- Heating and Cooling Costs
- Healthier Living Environment
- Virtually Soundproof

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Indoor Air Quality Benefits Overview

- Hempcrete, together with lime binder absorbs and releases moisture, keeping the relative humidity of the indoor environment within optimal ranges for human health.
- There are NO VOC or toxic chemicals in the construction of a hempcrete home.
- The thermal mass of hempcrete enables the storage of heat in the buildings fabric which is only very slowly released when the temperature of the nearby air cools, thus allowing some use of natural ventilation (opening the windows) to maintain indoor air quality without losing all of the heat.

Environmental Benefits

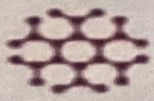
- Lime Carbon Absorption
- Operational Carbon
- Carbon Sequestration
- 100% Recyclable
- Better Than Zero Carbon Footprint

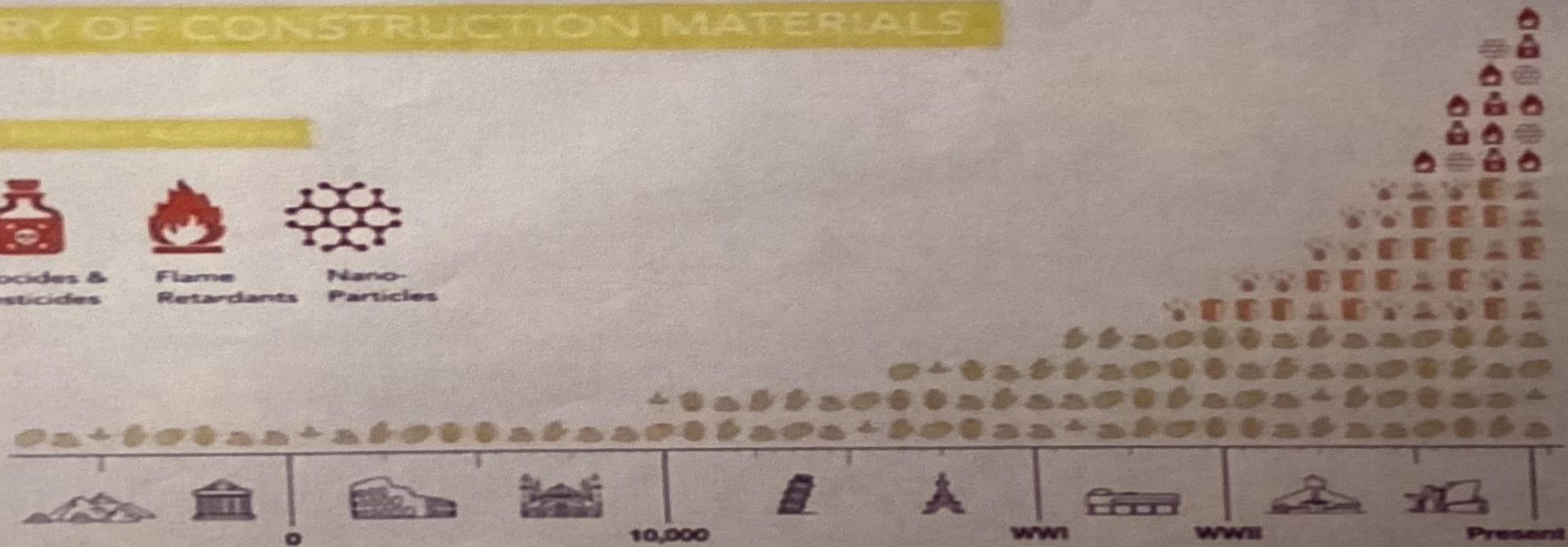


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HISTORY OF CONSTRUCTION MATERIALS

Timeline

-  Biocides & Pesticides
-  Flame Retardants
-  Nano-Particles







Workforce Development

- Average of 25 individuals will turn 18 per year for next 10yrs
- 53% of Population is under 25
- Post-Secondary graduation rates are low, 5%









