VICTORIAN HEMPINQUIRY AN URBAN GREEN FARMS INITIATIVE - A SIMPLIFIED APPROACH Prepared by: Andrew Meseha- Urban Green Farms, Happy Soils & Urban Vertical Gardens URBAN GREEN FARMS PTY/LTD | © URBAN GREEN FARMS 2021 - COMMERCIAL IN CONFIDENCE PLEASE NOTE: THE ADVICE CONTAINED IN THIS REPORT (WHETHER ORAL OR WRITTEN) IS A PROFESSIONAL OPINION BASED ON INFORMATION AVAILABLE TO URBAN GREEN FARMS AT THE TIME OF PROVISION OF THIS REPORT. URBAN GREEN FARMS ACCEPTS NO LIABILITY FOR ANY LOSS ARISING FROM RELIANCE ON THE ADVICE AND INFORMATION CONTAINED THEREIN. ALL IP REMAINS THE PROPERTY OF URBAN GREEN FARMS.

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REGULATORY REFORM

- In light of the recent Hemp Inquiry, Urban Green Farms and our consortium partners believe that the Victorian Government is not required to support, regulate or manage the Hemp Industry.
- Our key stakeholders are already operational in the private sector.
 They are willing to carry the risks and rewards of a deregulated industry, or at the very least, a significantly reduced regulatory oversight that eliminates the burden on business and provides clear demarcations between Cannabis and Hemp.













SIMPLIFICATION OF ONBOARDING

- Readily available online pre-application form (one-pager), eliminating the need to call customer service. <u>Link</u>
- API link automatic integration to Vicroads, DELWP Titles Office and National Police Check.
- Prefilled Business modelling already available through Urban Green Farms
- Application to join Soil Saviour's Hemp Program includes guaranteed purchase agreements, Soil testing and profiling, 24 Carbon monitoring network and <u>Stella Blockchain</u> integration, and a 24-hour support platform.













ECOLOGICAL, ECONOMIC AND ENVIRONMENTAL OPPORTUNITY (EEE)

- The Ecological benefits of Hemp are well known. However, there needs to be more understanding of the actual benefits of soil biology in Australia. We have considerable unreleased data on the benefits of Hemp's impact on soil recovery, carbon sequestration and, most importantly, Nitrous Oxide.
- There is no institution or organisation in the world that understands soil biology like our team at <u>Happy Soils</u> (powered by Urban Green Farms.













ECOLOGICAL, ECONOMIC AND ENVIRONMENTAL OPPORTUNITY (EEE)

- Job Creation
- Agricultural Income
- Export Revenue
- Downstream Industries
- Research and Innovation
- Tourism and Education
- Regional Development
- Tax Revenue
- Reduced Import Dependence
- Sustainability and Environmental Benefits













WHEN COMPARING THE YIELD OF HEMP (HURD AND FIBRE) OVER A 25-40-YEAR PERIOD TO PINE TREES (TIMBER) OVER THE SAME TIME FRAME, IT'S IMPORTANT TO CONSIDER THE DIFFERENCES IN GROWTH CYCLES AND PURPOSES BETWEEN THE CROPS. HERE'S A COMPARISON...













ECOLOGICAL, ECONOMIC AND ENVIRONMENTAL OPPORTUNITY (EEE) - COMPARISON TO PINE - 25 YEARS

HEMP: 625 METRIC TONS PER HECTARE = \$833,333 AUD

PINE: 250 METRIC TONS PER HECTARE= \$100,000 AUD

THE PERCENTAGE DIFFERENCE IN YIELD BETWEEN HEMP (625 METRIC TONS PER HECTARE) AND PINE (250 METRIC TONS PER HECTARE) IS 150%. THIS MEANS THAT HEMP HAS A 150% HIGHER YIELD PER HECTARE COMPARED TO PINE UNDER THE ASSUMPTIONS PROVIDED.





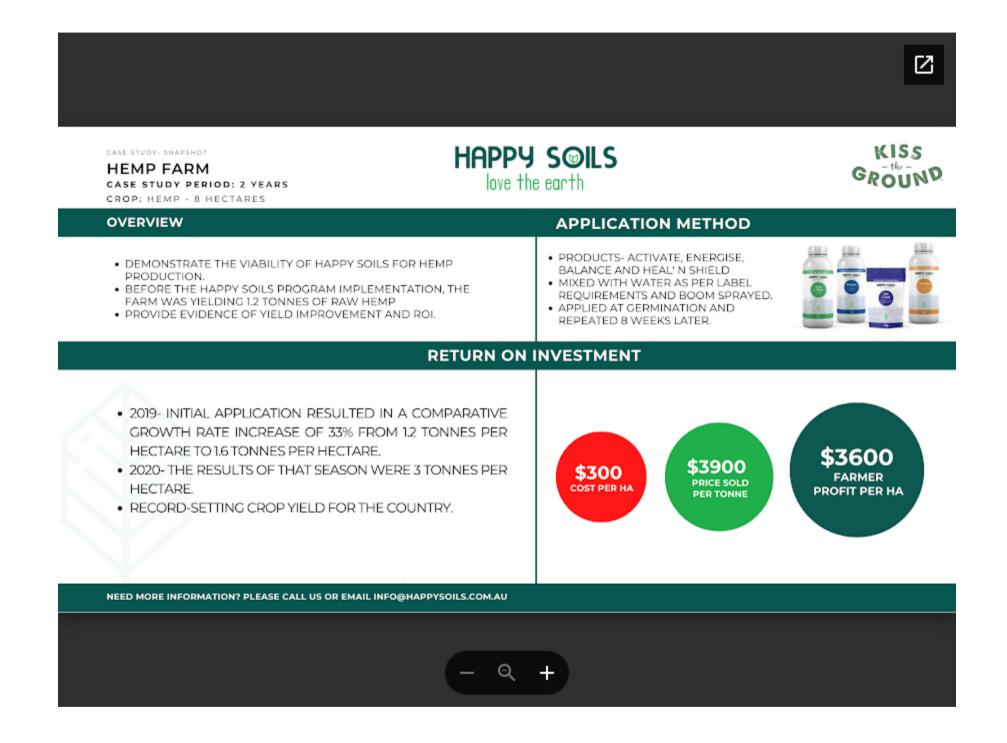








REAL LIFE EVIDENCE















ECOLOGICAL, ECONOMIC AND ENVIRONMENTAL - CARBON DRAWDOWN PER/ HECTARE - 25 YEARS

HEMP DRAWDOWN = 11.875 METRIC TONS/HA/YEAR = 35.625 PINE DRAWDOWN = 9.5 METRIC TONS/HA/YEAR = 9.5

HEMP 115% MORE DRAWDOWN \$50 PER TONNE X 35.625 = \$1781.25/HA/YEAR COMPARED TO PINE = \$475/HA/YEAR













