



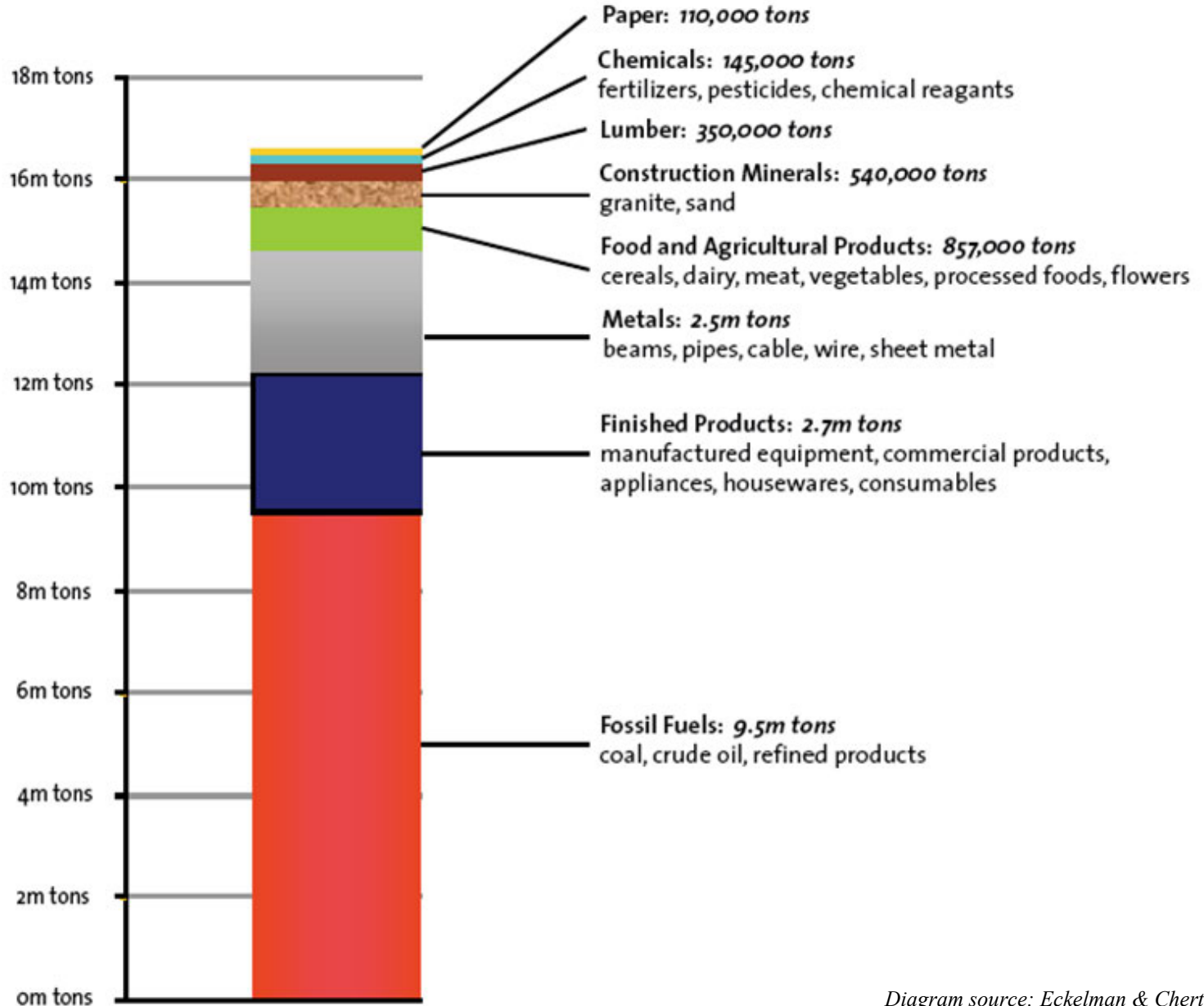
A New Day:

Working Together Towards Energy Independence

Hawaii State Energy Office
Department of Business, Economic Development & Tourism

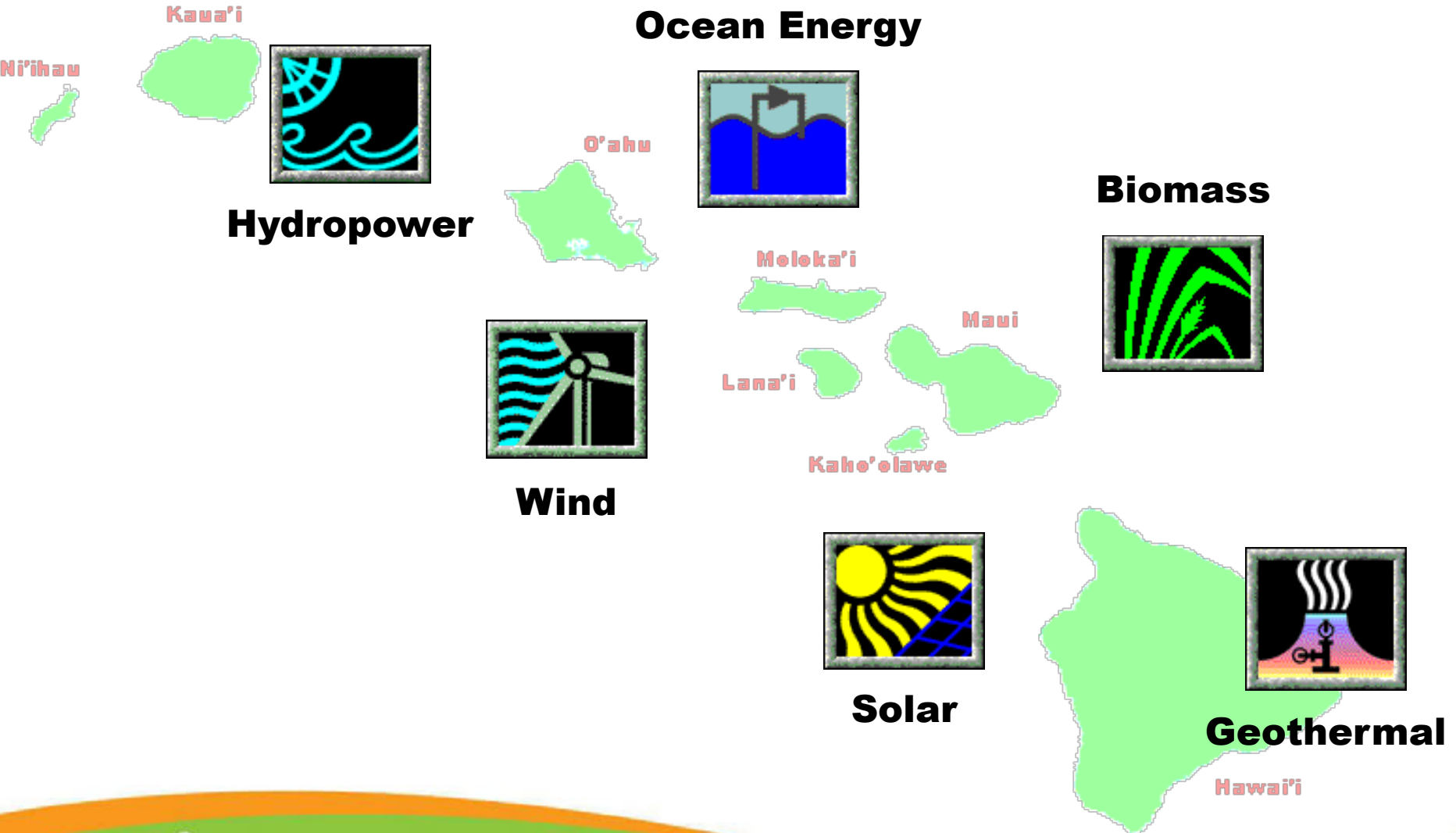
January 21, 2011

Materials Imported to Hawaii – Million Tons, Annually





Hawaii Has Renewable Energy Resources



Transportation

- Land Use – Reduce Need to Travel
- Transportation System Design
- More Efficient Vehicles
- Vehicles Capable of Using Non-petroleum Energy Sources
- Alternative Fuels
 - Biofuels
 - Ethanol
 - Biodiesel, Renewable Diesel
 - Biojet
 - Electricity from renewable sources, off-peak
 - Hydrogen
- Fueling / Charging Equipment

Electricity

- Energy Efficiency First
- Customer-Sited Generation
- Combined Heat and Power
- Development of Renewable Energy Resources
 - Solar
 - Wind
 - Biomass / Biofuels
 - Geothermal
 - Hydropower
 - Ocean (OTEC / Wave)
- Energy Storage
- Smart Grids
- Changes in Electricity Regulation
 - Delinking – from oil price
 - Decoupling revenues & sales

Under Development: Permitting Guidebook & Wizard

- Permit Plan created online via answers to series of project/site questions
 - Location
 - Technology/facility
 - Surrounding environment
- Identifies
 - Required permits
 - Relevant agencies
 - Permitting sequence and prerequisites
 - Estimated permit issuance timelines
- Visit us upstairs (4th floor) to hear more

The screenshot displays the 'Hawaii Powered' website, which is part of the Hawaii Clean Energy Initiative. The page features a navigation menu with links for 'Home', 'Federal and State Agency Contacts', 'Glossary and Acronyms', 'Permits', and 'How to Use This Site Tool'. The main content area is titled 'Renewable Energy Project Permitting in the State of Hawaii' and includes a 'Self-Evaluation Tool' section. This tool offers an online self-evaluation tool to aid renewable energy developers in their understanding of the renewable permitting process and also to assist in determining which permits may be required for their specific renewable energy project. A sidebar on the right contains a 'Find It Fast' section with links to 'Guidebook', 'Permit Listings', 'Contacts', and 'Permitting Discretionary vs. Ministerial'. The footer includes links for 'Privacy', 'Legal/Disclaimer/Notice/Conclusion', 'Acknowledgements', and 'Downloads'.



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