Week 0 **The Framework**	● Introducing Sustainability: Building a Better Future for All
Week 1 **Sustainability: Basic Concepts**	● Introduction to ESG (Exploring and Understanding Environmental, Social, and Governance) ● Exploring Circular Economy - Maximizing Resources and Minimizing Waste ● Introduction to Net Zero (Decarbonization and Net Zero Emissions (NZE) Pledges, How to achieve net zero) ● Introduction to Energy Transition: Embracing Clean and Sustainable Solutions ● Understanding the Interconnected Ecosystem: Why We Should Care
Week 2 **Sustainability: A deeper dive**	● Navigating Planetary Boundaries and Embracing Sustainability ● Anthropogenic Impact vs. Geological Impact: Unraveling the Forces Shaping Our Planet ● Navigating Climate Discourse: Seeking Truth in a World of Misinformation ● The Global Nature of the Sustainability Problem: The Need for International Cooperation ● Transforming Our World: UN Sustainable Development Goals (UNSDGs) ● Global Sustainability Challenge: Uniting North and South for a Greener Future
Week 3 **Climate Change**	● The Urgency of Climate Action: Confronting Global Threats of Climate Change and Its Impact on Human Society ● Climate Change Drivers: GHG Emissions, Energy Consumption, and Sources of Emissions ● Intergovernmental Bodies: UNFCCC, COP, IPCC - Pioneering Climate Change Action ● Demystifying Climate Myths: Navigating the Facts ● A Bi-Modal Framework to Fight Climate Change Part I: Mitigation ● A Bi-Modal Framework to Fight Climate Change - Part II: Adaptation
Week 4 **Energy Transition - Introduction**	● Navigating the Energy Trilemma: Striking a Balance Between Security, Equity, and Sustainability ● Energy Transition: Definition, Goals & Drivers ● Driver 1: Sustainability Agenda - A Global Perspective ● Change in Public Opinion: Igniting the Energy Transition Through Grassroots Movements and Youth Activism ● Driver 3: Energy and Climate Policies - Regional Perspectives ● Navigating the Energy Transition: A List of Suggested Readings, Databases, Converters, and Investment Publications
Week 5 **Technical Aspects of Energy Transition I**	● Technological Dimensions of Energy Transition I: Paradigm Shifts vs. Efficiency Gains ● Technological Dimensions of Energy Transition II: Implicitly vs Explicitly Green ● Electrification: Powering the Energy Transition ● Harnessing the Sun's Power: A Solar Revolution Illuminated ● Harvesting the Wind's Power: A Turbine Revolution Unveiled ● Advancing Energy Storage: Battery Technology and Pumped Hydrogen
Week 6 **Technical Aspects of Energy Transition II**	● Hydrogen: Pioneering a Sustainable Era ● Carbon Capture, Utilisation and Storage (CCUS): Pioneering Carbon Mitigation ● Electrofuels ● Nuclear Energy: Unleashing the Power Within Atoms ● A Perspective on Climate Change Based Energy Transition Scenarios ● Technology Transfer for Global Energy Transition
Week 7 **Stakeholders & Ecosystem of Energy Transition**	● Stakeholders in energy transition ● Interconnections among stakeholders ● Stakeholders' Point of View I ● Stakeholders' Point of View II ● Stakeholders' Point of View III ● The missing links in the Energy Transition

Week 8 **Transformation of the Global Energy Demand**	● The Global Energy Demand ● Demand by Region (as per IEA): Current trends, projections, general comments on future scenarios ● Demand by Sector- Electricity/ Industry/ Transport/ Buildings ● Scopes of Emission ● Corporate NZE Pledges - where does it stand and their implications
Week 9 **Transformation of the Global Energy Supply**	● The Global PE supply + Global trends ● Supply by region ● Oil Market Basics + Supply chain dynamics ● Gas Market Basics + Supply chain dynamics ● Electricity Market Basics ● NZE pledges - status and their implications
Week 10 **ESG & Climate Financing**	● ESG: Need input ● Climate financing ● Shifting trends in international project funding ● Considerations on private vs. public funds ● The connection between ESG & Climate financing
Week 11 **Barriers and challenges to Energy Transition**	● Why is ET not smooth - Identify barriers ● Detailed consideration on how each of these present a barrier I ● Detailed consideration on how each of these present a barrier II ● Environmental impact of RES + Myths around ET/ Climate change ● Financial Barriers ● Individual vs Coordinated efforts: Role of different stakeholder
Week 12 **Impact Week**	● Modes of individual efforts: Startups/ Influencing/ Activism ● Tech angle: how are startups reshaping the energy space? ● Typical path of a startup: Sustainability/ Profitability/ Growth opportunities for startups ● Policy angle: How are influencers and activists influencing policy change? ● What can you do? ● Introducing NEAH community and other useful platforms & resources to follow