



THE ROLE AND COMPETENCIES OF GREEN LEADER IN THE LOCAL SOCIETY



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I. GREEN EDUCATION AMONG ADULTS

Green education, also known as environmental education or sustainability education, refers to the process of imparting knowledge, skills, values, and attitudes that promote environmental awareness, sustainable practices, and responsible citizenship.

The origins of green education can be traced back to the 1960s and 1970s when environmental movements gained momentum globally. Concerns about pollution, deforestation, biodiversity loss, and other environmental issues prompted a need for educational initiatives that could address these challenges. The United Nations Conference on the Human Environment, held in Stockholm in 1972, played a significant role in highlighting the importance of environmental education. It emphasized the need to educate individuals about the environment and its sustainability, recognizing education as a vital tool for achieving sustainable development. After the conference, European countries began incorporating environmental education into their education systems, both formally and informally. Many European countries developed national policies and strategies to promote environmental education, recognizing its significance in raising awareness, fostering sustainable practices, and preparing citizens to address environmental challenges.

Since then, green education has continued to evolve and expand in Europe. It has become an integral part of formal education curricula at various levels, from primary schools to universities. Environmental education initiatives and programs have been developed, including teacher training, environmental awareness campaigns, nature-based education, and sustainability projects.

Additionally, European institutions, such as the European Environmental Education Foundation (EEEF) and the European Environmental Education Network (EEN), have played a role in promoting and coordinating environmental education efforts across the continent.

Overall, green education has a long history in Europe, with its roots in the environmental movements of the 1970s, and it has since become an essential component of education systems to address environmental challenges and promote sustainable development.

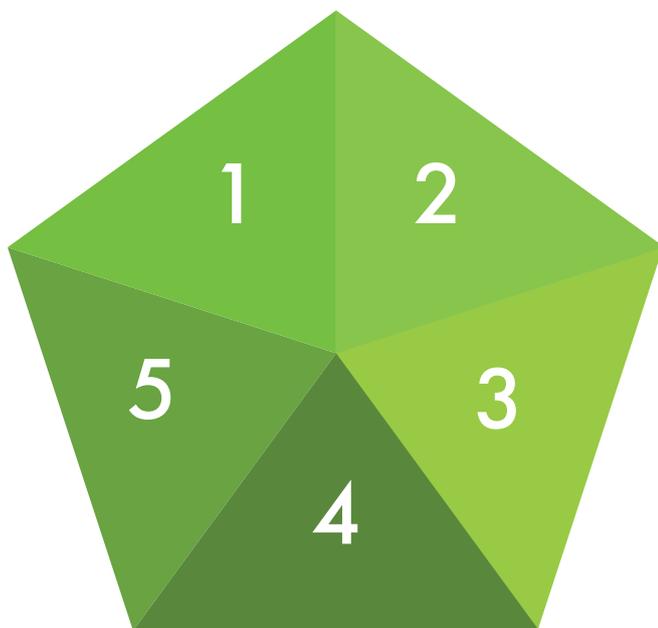
Since then, green education has evolved and expanded in response to the growing recognition of environmental issues and the need for sustainable practices. It is now integrated into formal education systems, from primary to tertiary levels, as well as non-formal and informal learning contexts. The goals of green education include:

1. **Raising Awareness:** Green education aims to increase awareness and understanding of environmental issues, such as climate change, biodiversity loss, pollution, and resource depletion.
2. **Promoting Sustainable Behavior:** It seeks to foster a sense of responsibility and empower individuals to adopt sustainable practices in their daily lives, such as energy conservation, waste reduction, and eco-friendly choices.
3. **Developing Critical Thinking and Problem-Solving Skills:** Green education encourages individuals to think critically, analyze complex environmental problems, and develop innovative solutions.
4. **Encouraging Active Citizenship:** It promotes active participation in environmental initiatives, conservation projects, and community-based sustainability efforts, fostering a sense of citizenship and environmental stewardship.
5. **Integrating Interdisciplinary Approaches:** Green education recognizes the interconnectedness of environmental, social, and economic systems. It integrates multiple disciplines, such as science, economics, social sciences, and technology, to provide a holistic understanding of sustainability challenges.
6. **Cultivate a sense of environmental justice and equity** - promotes inclusivity, addresses environmental injustice, and aims for equitable distribution of environmental benefits and costs. It raises awareness of social aspects of sustainability, such as environmental racism and socioeconomic disparities, to build a more just and sustainable future for all.

The increasing urgency of global environmental issues, the need for sustainable development, and the recognition of the role of education in shaping attitudes and behaviors have all contributed to the development and importance of green education. It equips individuals with the knowledge and skills to contribute to a more sustainable and environmentally conscious future.

Green education among adults plays a crucial role in fostering sustainability and environmental consciousness in our society. As the need for sustainable practices becomes increasingly evident, it is essential to equip adults with the knowledge and skills necessary to make environmentally responsible choices. This chapter focuses on the importance of green education among adults and explores various strategies, programs, and initiatives aimed at promoting environmental awareness and sustainable behaviors. By embracing green education, adults can become active agents of change, contributing to a more sustainable future for generations to come. Green education among adults can be defined as a form of education that aims to raise awareness and promote knowledge, skills, and attitudes related to environmental sustainability, ecological responsibility, and sustainable living practices. It focuses on providing adults with the understanding of environmental challenges and the tools to make informed decisions and take responsible actions in their personal and professional lives.

why is **GREEN EDUCATION** important?



- 1 Environmental Awareness
- 2 Sustainable Behavior
- 3 Economic Benefits
- 4 Community Engagement
- 5 Interdisciplinary Approach

Green education is important for several reasons:

1. **Environmental Awareness:** Green education helps adults develop a deeper understanding of environmental issues, such as climate change, pollution, and resource depletion. It raises awareness about the impact of human activities on the planet and promotes a sense of responsibility towards the environment.
2. **Sustainable Behavior:** Green education equips adults with the knowledge and skills to adopt sustainable practices in their daily lives. It encourages actions such as energy conservation, waste reduction, responsible consumption, and eco-friendly choices. By promoting sustainable behavior, green education contributes to the preservation of natural resources and the reduction of ecological footprints.
3. **Economic Benefits:** Green education also has economic advantages. It prepares adults for green jobs and careers in sectors focused on renewable energy, waste management, sustainable agriculture, and green technologies. By acquiring green skills, adults can contribute to a greener economy and drive sustainable development.
4. **Community Engagement:** Green education fosters community engagement and active citizenship. It encourages adults to participate in environmental initiatives, conservation projects, and community-based sustainability efforts. By engaging with their local communities, adults can contribute to the creation of environmentally conscious societies.
5. **Interdisciplinary Approach:** Green education incorporates interdisciplinary approaches, combining environmental knowledge with other fields such as economics, social sciences, and technology. This holistic approach helps adults understand the interconnectedness of environmental, social, and economic systems, leading to more informed decision-making and problem-solving.
6. **Inter generational learning:** Green education facilitates the transfer of knowledge and values from adults to future generations, ensuring a continuous cycle of environmental awareness and responsible citizenship.

Overall, green education is important for promoting a sustainable future, empowering individuals to become responsible environmental stewards, and addressing the pressing environmental challenges we face today.

Green education among adults typically covers a wide range of topics, including but not limited to:

1. **Environmental awareness:** Educating adults about the importance of environmental protection, biodiversity conservation, and the impact of human activities on the planet.
2. **Sustainable practices:** Promoting sustainable practices such as energy conservation, waste reduction and recycling, water conservation, and sustainable transportation.
3. **Ecological literacy:** Enhancing adults' understanding of ecosystems, natural resources, and the interconnectedness of ecological systems.
4. **Climate change education:** Providing knowledge about climate change, its causes, impacts, and mitigation strategies, as well as empowering individuals to take climate action.
5. **Green technologies and innovations:** Introducing adults to green technologies, renewable energy sources, eco-friendly products, and sustainable business practices.
6. **Sustainable consumption and lifestyle choices:** Encouraging adults to make environmentally conscious choices in their daily lives, including sustainable food choices, ethical consumerism, and conscious fashion.
7. **Civic engagement and advocacy:** Empowering adults to actively participate in environmental decision-making processes, engage in community initiatives, and advocate for sustainable policies and practices.
8. **Environmental conservation and restoration:** Promoting adults' involvement in conservation efforts,

habitat restoration, and initiatives that aim to protect and restore natural environments, including forests, wetlands, and marine ecosystems.

Green education among adults can take various forms, including formal education programs, workshops, training sessions, online courses, awareness campaigns, and community-based initiatives. It recognizes that adults play a crucial role in creating a sustainable future and aims to equip them with the knowledge and skills necessary to become environmentally responsible citizens

II. GREEN LEADER COMPETENCIES IN THE LOCAL ENVIRONMENT

A LOCAL GREEN LEADER is someone who takes an active role in promoting environmental sustainability and encouraging others to adopt more eco-friendly practices. They may work within their local community or on a larger scale, and may undertake a variety of activities to promote environmental sustainability.

A green leader can be anyone who is passionate about environmental sustainability and has the ability to inspire and lead others in their community to take action towards a more sustainable future.

- Environmental activists: Individuals who are actively involved in environmental advocacy and are knowledgeable about sustainable practices can be effective local green leaders.
- Educators: Individuals who are passionate about sustainability can educate and inspire their peers to take action and become involved in environmental initiatives.
- Community organizers: Individuals who have experience in organizing community events and activities can use their skills to bring people together to work towards sustainable solutions.

OVERALL, ANYONE WHO HAS A PASSION FOR ENVIRONMENTAL SUSTAINABILITY AND THE ABILITY TO INSPIRE AND LEAD OTHERS CAN BE A LOCAL GREEN LEADER IN THEIR COMMUNITY.

BECOMING A GREEN LEADER IS AN IMPORTANT AND IMPACTFUL ROLE IN SOCIETY, AS IT INVOLVES PROMOTING SUSTAINABLE PRACTICES AND ADVOCATING FOR THE ENVIRONMENT. IT INCLUDES:

- educating on environmental issues: educating on the various environmental issues affecting community and the world at large. This could include topics such as climate change, pollution, waste management, and biodiversity loss.
- highlighting the benefits of going green: encouraging to adopt environmentally-friendly practices by highlighting the benefits. This could include saving money on utility bills, improving health and well-being, and reducing one's carbon footprint.
- providing practical tips for going green: offering practical tips and advice on how to adopt sustainable practices in their daily lives. This could include reducing energy consumption, using public transportation, and reducing waste.
- encouraging community involvement: encouraging to get involved in local environmental initiatives, such as community gardens or clean-up events. This can help build a sense of community and promote sustainable practices.
- emphasizing the importance of advocacy: encouraging to advocate for environmental issues at the local and national level. This could include contacting their elected officials, signing petitions, and attending public hearings.

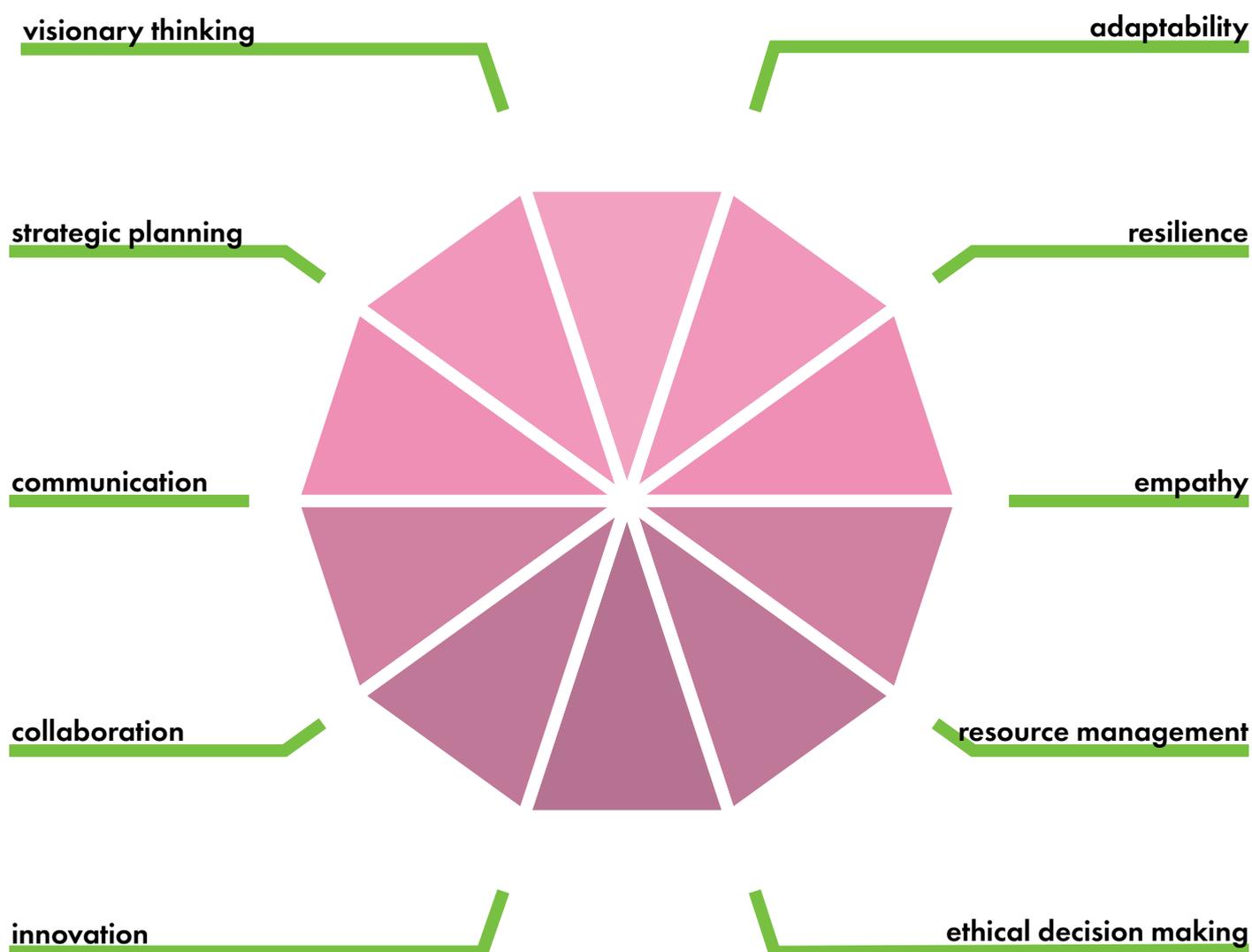
Becoming Green Leader is a journey, and it requires ongoing learning, commitment, and action. By taking below steps, you can make a positive difference and inspire others to do the same.

- Learn about sustainability: To be a green leader, it's important to have a good understanding of sustainability, including environmental, social, and economic aspects. You can take courses, read books and articles, and attend workshops and conferences to enhance your knowledge.
- Lead by example: One of the most effective ways to inspire others is by leading by example. You can demonstrate your commitment to sustainability by adopting green practices in your daily life, such as reducing waste, conserving energy, and using sustainable transportation.
- Engage others: To make a real impact, it's important to engage others in your sustainability efforts. You can start by raising awareness among your family, friends, and colleagues, and encouraging them to ad-

opt green practices. You can also get involved in community organizations and advocate for sustainable policies and practices.

- **Develop leadership skills:** To be an effective green leader, you'll need to develop strong leadership skills, such as communication, collaboration, and problem-solving. You can take leadership courses or seek out mentorship and coaching to develop these skills.
- **Innovate and take action:** Green leaders are often innovators who think outside the box and take action to create positive change. You can explore new ideas and approaches for promoting sustainability, and develop and implement projects and initiatives that make a real impact.
- **Foster partnerships and collaborations:** Another important step to make a positive difference and inspire others is to foster partnerships and collaborations. Sustainability challenges are complex and interconnected, and working together with diverse stakeholders can lead to more impactful and comprehensive solutions. By actively seeking out partnerships with businesses, government agencies, non-profits, and community organizations, you can leverage collective expertise, resources, and networks to drive sustainable change. Collaboration can also amplify your voice and influence, as collective efforts tend to have a greater impact than individual actions alone.

green leadership skills



GREEN LEADERSHIP SKILLS are the skills and qualities that enable individuals to lead and inspire others to take action on environmental and sustainability issues. Here are some key green leadership skills:

- Visionary thinking: Green leaders are able to envision a sustainable future and inspire others to work towards that vision.
- Strategic planning: Green leaders are able to develop and implement strategic plans and initiatives that advance sustainability goals.
- Communication: Green leaders are skilled communicators who are able to articulate complex sustainability issues in a clear and compelling way. They are also able to listen actively to others and engage in constructive dialogue.
- Collaboration: Green leaders are able to work collaboratively with a range of stakeholders, including government agencies, non-profit organizations, businesses, and communities.
- Innovation: Green leaders are able to think creatively and come up with innovative solutions to sustainability challenges.
- Adaptability: Green leaders are able to adapt to changing circumstances and respond to emerging sustainability issues.
- Resilience: Green leaders are able to stay committed to sustainability goals even in the face of challenges and setbacks.
- Empathy: Green leaders are able to understand and empathize with the perspectives and experiences of others, including those who may not share their sustainability values.
- Resource Management: Green leaders are effective in managing resources, including energy, water, and materials, in a sustainable manner. They promote efficiency and waste reduction practices, implement renewable energy solutions, and encourage the responsible use of natural resources.
- Ethical Decision-Making: Green leaders demonstrate strong ethical values and integrity in their decision-making processes. They consider the long-term environmental and social impacts of their choices and prioritize sustainable outcomes over short-term gains.

The Green Leader activities in the local society:

1. ORGANIZE COMMUNITY EVENTS:

Green leaders can organize events like tree planting drives, clean-up campaigns, and environmental awareness workshops to engage people in the community and create awareness about the environment. One example of a community event that a green leader could organize is a neighborhood clean-up campaign. This could involve getting volunteers to pick up litter in a designated area, such as a park or street, and disposing of it properly. To organize the event the green leader has to have:

- ability to search, identify and acquire necessary premises from the local authorities;
- ability to identify and obtain any necessary resources, such as trash bags and gloves;
- communication skills to recruit volunteers through social media or local news outlets;
- organisational skills to plan the logistics of the event, including the start time, location, how to dispose of the collected trash and provide refreshments or a small token of appreciation for the volunteers.

2. ADVOCATE FOR SUSTAINABLE POLICIES:

Green leaders can lobby local government officials to adopt policies that promote sustainability, such as reducing

plastic waste, supporting renewable energy, and improving public transportation. To do so, they need to have:

- ability to research the environmental impact of single-use plastics and the benefits of alternatives, such as reusable bags and containers;
- skills to draft a proposal for the policy and present it to local government officials or community leaders;
- organisational skills to rally community support by organizing a petition or letter-writing campaign;
- communication and presentation skills to attend public meetings or town halls to voice their support and answer questions from community members.

3. EDUCATE THE COMMUNITY:

Green leaders can educate the community about sustainable living practices, such as composting, reducing energy consumption, and using eco-friendly products.

A green leader could organize a workshop on composting and how to reduce food waste and would require:

- ability to research best practices for composting and reducing food waste;
- organisational skills to secure a venue, such as a community center or local park, to host the workshop;
- skills to develop an agenda for the workshop, including hands-on activities and demonstrations;
- communication skills to advertise the workshop through social media or local news outlets;
- organisational skills to provide resources and materials, such as composting bins and educational hand-outs.



4. PARTNER WITH LOCAL BUSINESSES:

A green leader could partner with a local grocery store to reduce plastic waste by encouraging customers to use reusable bags. Green leaders can partner with local businesses to promote sustainable practices, such as using renewable energy and reducing. That requires:

- communication skills to approach the store manager or owner with the proposal and explain the benefits of reducing plastic waste;
- ability to develop a plan for implementing the initiative, such as offering discounts or incentives for customers who use reusable bags;
- skills to create educational materials to promote the initiative, such as posters;
- evaluation skills to track progress and provide regular updates on the impact of the initiative.

5. ENCOURAGE COMMUNITY INVOLVEMENT:

A green leader could create a social media group to share information and resources related to sustainability. To do so, they need:

- ability to create a Facebook group or other social media platform to serve as a hub for sustainability-related content and discussions;
- communication skills to invite community members and organizations to join the group and contribute content;
- knowledge on how to share news articles, tips, and resources related to sustainability;
- skills to facilitate discussions and answer questions from group members.

6. MONITOR ENVIRONMENTAL ISSUES:

A green leader could monitor a local river or stream for signs of pollution and report any concerns to local authorities. For that they would need:

- knowledge on how to research signs of pollution in waterways and how to report them;
- ability to identify a specific area of a local river or stream to monitor regularly;
- ability to keep a log or record of observations, including the date, time, and location of any signs of pollution;
- communication skills to report any concerns to local authorities or environmental organizations.

7. BUILD PARTNERSHIPS:

A green leader could collaborate with a local environmental organization to organize a community event or campaign and for that he or she would need to have:

- ability to reach out to the organization to express interest in collaborating;
- skills to develop a plan for the partnership, such as organizing a joint event or campaign;
- ability to clearly define the roles and responsibilities of each organization;
- skills to promote the partnership through social media or local news outlets.

Adult education plays a crucial role in promoting sustainability for several reasons:

- **Raising awareness:** Adult education provides an opportunity for individuals to learn about sustainability issues, including climate change, resource depletion, and pollution. This helps individuals to understand the impact of their actions on the environment and make informed decisions.
- **Developing skills:** Sustainability requires a range of skills, such as critical thinking, problem-solving, and collaboration. Adult education can help individuals to develop these skills, enabling them to tackle sustainability challenges in their personal and professional lives.
- **Fostering behavior change:** Sustainable behavior change requires more than just knowledge and skills; it also requires motivation and commitment. Adult education can help individuals to develop a sense of responsibility towards the environment and inspire them to take action.
- **Supporting innovation:** Sustainable development requires innovation and creativity. Adult education can help individuals to explore new ideas and approaches, fostering innovation and enabling them to develop sustainable solutions.
- **Engaging communities:** Sustainable development requires collective action and engagement from communities. Adult education can provide a platform for individuals to engage with their communities, raising awareness, building networks, and mobilizing action.

To sum up adult education is essential for promoting sustainability by raising awareness, developing skills, fostering behavior change, supporting innovation, and engaging communities.

Why we should learn adults about sustainability and green topics:

- **Impact on the Environment:** Adults have a significant impact on the environment through their daily activities and lifestyle choices. By educating them about sustainable practices, they can make informed decisions and adopt behaviors that reduce their negative impact on the environment.
- **Future Generations:** Adults have a responsibility to ensure that future generations inherit a healthy planet. By teaching them about sustainability, they can understand the long-term consequences of their actions and make choices that support the well-being of future generations.
- **Economic Benefits:** Many sustainable practices, such as energy efficiency and waste reduction, can also have economic benefits for individuals and businesses. Educating adults about these practices can help them save money and create more sustainable, profitable businesses.
- **Social Responsibility:** As members of society, adults have a responsibility to contribute to the well-being of their communities. By educating them about sustainability, they can become more aware of their impact on the world and take actions to create positive change.

There is a list of ideas for workshops in green topics that could be offered to adults in a local community. The topics and content of the workshops can be adapted to the specific needs and interests of the community:

1. **Introduction to Sustainable Living:** This workshop could cover the basics of sustainable living, including energy conservation, waste reduction, water conservation, and transportation alternatives. Participants could learn about the benefits of sustainable living and practical tips for making sustainable choices.
2. **Composting:** This workshop could teach participants about the benefits of composting and how to set up and maintain a composting system. Participants could learn about different types of composting methods, what materials can be composted, and how to use compost in gardening.
3. **Sustainable Gardening:** This workshop could cover sustainable gardening practices, including organic gardening, water-wise gardening, and using native plants. Participants could learn about the benefits of sustainable gardening and practical tips for creating a sustainable garden.

4. **Green Energy:** This workshop could cover renewable energy sources, such as solar, wind, and geothermal. Participants could learn about the benefits of green energy, how to incorporate it into their homes and businesses, and government incentives for using renewable energy.
5. **Sustainable Transportation:** This workshop could cover sustainable transportation options, including walking, biking, public transit, and electric vehicles. Participants could learn about the benefits of sustainable transportation and practical tips for incorporating sustainable transportation into their daily lives.
6. **Zero Waste Living:** This workshop could teach participants about the zero waste lifestyle, including how to reduce waste, reuse items, and recycle effectively. Participants could learn about the benefits of zero waste living and practical tips for reducing waste in their homes and businesses.
7. **Sustainable Food Choices:** This workshop could cover sustainable food choices, including eating locally grown, organic, and seasonal foods. Participants could learn about the benefits of sustainable food choices and practical tips for incorporating sustainable food choices into their diets.
8. **Water Conservation:** This workshop could focus on water conservation techniques and practices that can be implemented at home and in daily life. Participants could learn about the importance of water conservation, strategies for reducing water consumption, rainwater harvesting methods, and efficient irrigation practices for gardens and landscapes.

III. BEST PRACTICES

Finland has made significant progress in promoting sustainability and green practices, and there are many good practices we can learn from. These are just a few examples of the many best practices and initiatives in Finland related to sustainability, ESG, and green topics.

- Circular economy:

Finland has been a leader in the development and promotion of the circular economy, which is an economic model that prioritizes resource efficiency and waste reduction. The country has implemented various policies and initiatives to promote the circular economy, such as the „National Roadmap for Circular Economy” and the „Finland’s Circular Economy Action Plan.”

One example of a successful circular economy initiative in Finland is the „Waste to Energy” project in the city of Lahti. The project involves using waste as a resource to produce renewable energy and has helped the city reduce its carbon footprint. The „Waste to Energy” project in Lahti is led by the city of Lahti, and the goal is to reduce the amount of waste sent to landfills and promote the use of renewable energy. The project has a budget of around 280 million euros and is expected to generate significant cost savings for the city. The results have been positive, with the project helping Lahti become a more sustainable and eco-friendly city.

- Sustainable transportation:

Finland has made significant investments in sustainable transportation, particularly in public transportation and cycling infrastructure. Helsinki, for example, has a comprehensive network of bike lanes and bike-sharing systems, and the city’s public transportation system runs on renewable energy.

Helsinki’s public transportation system, HSL, has been recognized as one of the best in Europe for its efficiency and sustainability. HSL uses renewable energy and has implemented various initiatives to encourage the use of public transportation, such as providing discounted fares for frequent users.

Helsinki’s public transportation system, HSL, is led by the city of Helsinki and other municipalities in the region. The goal is to provide efficient and sustainable transportation options to residents and visitors. The system has a budget of around 500 million euros and has been successful in reducing traffic congestion and promoting the use of public transportation. The results have been positive, with HSL receiving high satisfaction ratings from users and recognition for its sustainability efforts.

- Green building:

Finland has also been a leader in the development of green building practices, with many buildings in the country designed to meet high environmental standards. The country has also developed a certification system for green buildings, called the Green Building Council Finland. Green building

The Kulttuuritalo (Culture House) in Helsinki is an example of a green building that has received certification from the Green Building Council Finland. The building was renovated to improve energy efficiency and reduce water usage, and it now uses renewable energy sources. The Kulttuuritalo was renovated by the city of Helsinki to improve energy efficiency and reduce water usage. The renovation had a budget of around 10 million euros, and the building now uses renewable energy sources. The results have been positive, with the building receiving certification from the Green Building Council Finland and being recognized as a model for sustainable building practices.

- Renewable energy:

Finland has set ambitious goals for renewable energy production, with a target of 50% renewable energy by 2030. The country has invested in various forms of renewable energy, including wind power, hydropower, and biomass.

The Lappeenranta-Lahti University of Technology (LUT) has been recognized for its leadership in renewable energy research and education. The university has a strong focus on developing sustainable energy solutions, such as solar power and bioenergy. The Lappeenranta-Lahti University of Technology (LUT) is a leading research institution in the field of renewable energy. The university is led by a team of researchers and professors and has a goal of developing sustainable energy solutions that can help mitigate climate change. The budget for the university's renewable energy research is not publicly available, but the university has received funding from various sources, including the European Union. The results have been positive, with LUT receiving international recognition for its research and contributing to the development of sustainable energy solutions.

The Finnish model of sustainability is characterized by a comprehensive and holistic approach that integrates social, economic, and environmental sustainability. The Finnish government has placed a strong emphasis on sustainability, with policies and initiatives that aim to reduce greenhouse gas emissions, promote renewable energy, and protect natural resources.

One of the key elements of the Finnish model is a focus on COLLABORATION AND PARTNERSHIP. The government, private sector, and civil society organizations work together to develop and implement sustainability initiatives, often through multi-stakeholder platforms and networks.

Another important feature of the Finnish model is a strong commitment to education and awareness-raising. The Finnish education system emphasizes sustainability and environmental education, and there are a wide range of educational programs and resources available to the public.

The Finnish model also emphasizes INNOVATION AND TECHNOLOGY as key drivers of sustainability. Finland has developed a strong reputation as a leader in sustainable innovation, with a focus on developing new technologies and business models that promote sustainability.

Finally, the Finnish model places a strong emphasis on ACCOUNTABILITY AND TRANSPARENCY. The government regularly reports on progress towards sustainability targets, and there are a range of mechanisms in place to ensure that sustainability initiatives are effectively implemented and monitored.

Overall, the Finnish model of sustainability is characterized by a comprehensive and collaborative approach that emphasizes education, innovation, and accountability.

Adapting Finnish best practices to other countries and contexts can present both challenges and opportunities.

Challenges and opportunities of adapting Finnish best practices to other countries

challenges:

- 1 cultural differences
- 2 resource constraints
- 3 regulatory environment
- 4 political will

opportunities:

- 1 learning from successful models
- 2 building partnerships and networks
- 3 customizing for local context
- 4 innovation and creativity

Potential challenges and opportunities to consider:

Challenges:

- Cultural differences: Finland has a unique culture and context that may not be easily replicable in other countries. Different cultures may have different values, priorities, and approaches to sustainability.
- Resource constraints: The availability of resources, such as funding and technology, can vary greatly between countries and regions. Adapting Finnish best practices to contexts with limited resources may require creative solutions and prioritization.
- Regulatory environment: The regulatory environment can vary greatly between countries and regions, and may impact the feasibility and effectiveness of certain sustainability practices.
- Political will: Political will and leadership are critical to the success of sustainability initiatives. Adapting Finnish best practices to countries or regions with limited political will may be challenging.

Opportunities:

- Learning from successful models: Adapting successful Finnish models can provide valuable insights and learning opportunities for other countries and regions.
- Building partnerships and networks: Collaboration and partnerships between Finnish organizations and institutions and counterparts in other countries can help to leverage strengths and resources, and develop shared best practices.
- Customizing for local context: Adapting Finnish best practices to local contexts can help to ensure that sustainability initiatives are tailored to local needs, priorities, and capacities.
- Innovation and creativity: Adapting Finnish best practices to other countries and contexts may require innovative and creative solutions, which can lead to new insights and approaches to sustainability.

Overall, adapting Finnish best practices to other countries and contexts requires careful consideration of the unique challenges and opportunities of each context, as well as a willingness to be flexible and adaptable in the face of changing circumstances.

There are many good examples from other countries concerning green leader competences and actions. Here are a few examples:

THE NETHERLANDS:

- The Dutch government has established the „**Green Deal initiative**“, which aims to bring together businesses, government, and civil society organizations to work towards sustainability goals. The initiative includes a range of sustainability targets, such as reducing greenhouse gas emissions and promoting renewable energy, and provides resources and support for businesses and organizations to achieve these targets.
- The Green Deal initiative operates on the principle of voluntary agreements between the government and participating parties. These agreements outline specific objectives, actions, and commitments to be undertaken to achieve sustainable outcomes. The focus areas of the Green Deal cover a wide range of sustainability issues, including energy efficiency, renewable energy, circular economy, biodiversity, sustainable mobility, and climate adaptation.
- The initiative serves as a platform for knowledge exchange, cooperation, and innovation. It encourages

the sharing of best practices, expertise, and experiences among participants, enabling them to learn from each other and drive positive change. Through collaborative efforts, the Green Deal aims to accelerate the adoption of sustainable technologies, practices, and policies, contributing to the overall sustainability agenda of the Netherlands.

- One of the key strengths of the Green Deal initiative is its inclusiveness. It actively engages various stakeholders, ensuring a multi-sectoral and multi-disciplinary approach to addressing sustainability challenges. This broad participation fosters dialogue, collaboration, and co-creation of solutions, harnessing the collective expertise and resources of diverse stakeholders.
- Furthermore, the Green Deal initiative provides a platform for monitoring and evaluating progress towards sustainability targets. Regular reporting and assessment enable transparency, accountability, and the identification of areas for improvement. This iterative process ensures that actions taken under the Green Deal are effective, measurable, and aligned with the long-term sustainability objectives of the Netherlands.
- The establishment of the Green Deal initiative by the Dutch government demonstrates a proactive commitment to sustainability and the transition to a low-carbon and resource-efficient economy. By bringing together stakeholders from various sectors, the initiative facilitates collaboration, innovation, and the scaling up of sustainable practices. It serves as a model for other countries and regions seeking to promote sustainability and achieve their environmental goals through collective action and partnership.

SWEDEN:

- The Swedish government has set ambitious sustainability targets, including a goal of becoming carbon-neutral by 2045. To achieve this goal, the government has implemented a range of initiatives, such as investing in renewable energy and promoting sustainable transportation. The Swedish government also places a strong emphasis on education and awareness-raising, with sustainability education integrated into the school curriculum.
- One notable Swedish project that aligns with the Swedish government's ambitious sustainability targets is the Stockholm Royal Seaport (Norra Djurgårdsstaden) project. It is an urban development project located in Stockholm, Sweden, aiming to be a model for sustainable city districts. The project is part of the city's long-term plan to become carbon-neutral by 2040.
- The Stockholm Royal Seaport project incorporates various sustainable design principles and practices to achieve its environmental goals. Some key features of the project include:
 - **Energy Efficiency:** The district implements energy-efficient buildings with advanced insulation, energy recovery systems, and smart energy management systems. It promotes the use of renewable energy sources, such as solar panels and geothermal energy, to reduce carbon emissions.
 - **Sustainable Mobility:** The project prioritizes sustainable transportation options, including extensive cycling infrastructure, electric vehicle charging stations, and efficient public transportation networks. The goal is to reduce reliance on private cars and promote active and low-carbon modes of transport.
 - **Circular Economy:** The project emphasizes the principles of a circular economy by implementing waste management systems that prioritize recycling, reusing materials, and minimizing waste generation. It encourages sustainable consumption and waste reduction practices within the district.
 - **Green Spaces and Biodiversity:** The development incorporates green spaces, parks, and natural habitats, promoting biodiversity and providing recreational areas for residents. It aims to enhance the overall quality of life and create a healthier living environment.

The Stockholm Royal Seaport project serves as a model for sustainable urban development, showcasing innovati-

ve solutions and strategies to achieve carbon neutrality and improve environmental performance. It demonstrates Sweden's commitment to sustainable development and contributes to the nation's efforts to achieve its ambitious sustainability targets.

COSTA RICA:

- Costa Rica has established a national sustainability strategy that aims to achieve a carbon-neutral economy by 2050. The strategy includes a range of initiatives, such as promoting renewable energy and sustainable transportation, and protecting natural resources through measures such as reforestation.

BHUTAN

- Bhutan has developed a unique approach to sustainability, known as Gross National Happiness, which emphasizes holistic well-being and sustainability over economic growth. The Bhutanese government has implemented a range of initiatives to promote sustainability, such as promoting renewable energy and organic agriculture.

These examples demonstrate that there are many different approaches to sustainability, and that leadership and collaboration are critical to achieving sustainability goals. Green leaders in these countries have demonstrated competencies such as strategic thinking, collaboration and partnerships, innovation, and a commitment to education and awareness-raising. They have taken action through initiatives such as renewable energy promotion, sustainable transportation, protecting natural resources, and more.

FINLAND

Green leader program that was implemented in Finland called „GREEN NET FINLAND'S GREEN LEADER PROGRAM.“ This program was designed to provide practical knowledge and tools for professionals to implement sustainability practices in their organizations. The program included topics such as sustainability management, circular economy, energy efficiency, and sustainable transportation. Participants were required to complete a sustainability project in their organization or community as part of the program. Green Net Finland's Green Leader Program was actually targeted towards adult professionals, specifically those working in small and medium-sized enterprises. The program aimed to provide practical knowledge and tools for professionals to implement sustainability practices in their organizations. So, it can be considered as a green leader program for adults in Finland. **The Green Net Finland's Green Leader Program** has been implemented since 2009. It was developed and implemented by Green Net Finland, which is a non-profit organization that aims to promote sustainable development and green business practices in Finland. The program was developed in collaboration with various partners, including businesses, educational institutions, and governmental organizations. Since its inception, the program has trained hundreds of professionals from various industries, and has received positive feedback for its practical approach to sustainability education.

The Green Net Finland's Green Leader Program is designed as a practical and hands-on sustainability education program for adult professionals, particularly those working in small and medium-sized enterprises. The program consists of a series of workshops, online courses, and individual coaching sessions, and covers a wide range of topics related to sustainability and green business practices.

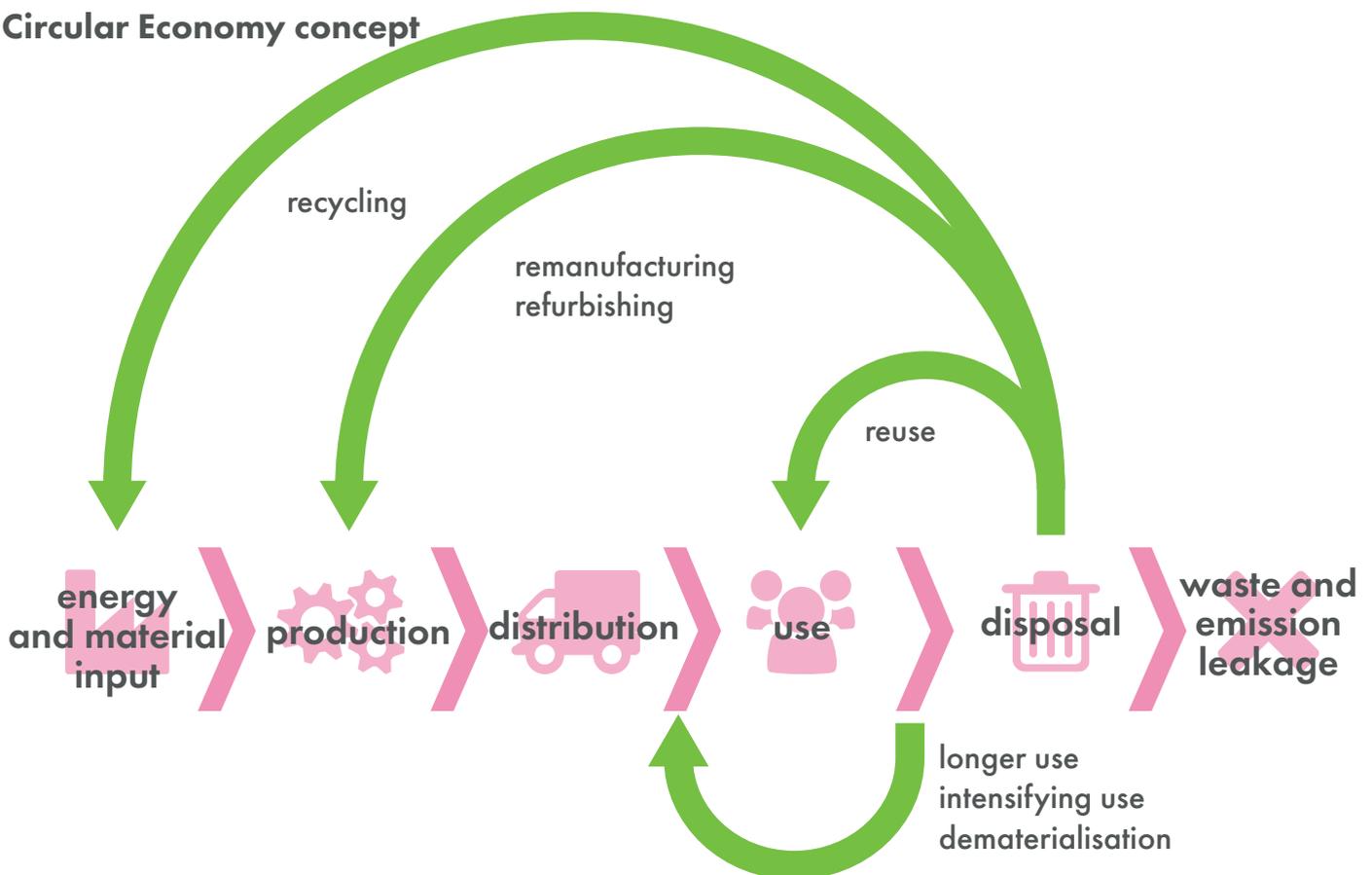
The program typically starts with a sustainability assessment of the participating organization, which helps to identify areas for improvement and set sustainability goals. The program then covers topics such as energy efficiency, sustainable transportation, circular economy, and sustainable procurement, among others. The program also includes a practical sustainability project, which participants must complete in their organization or community.

Throughout the program, participants receive individual coaching and support from sustainability experts, as well as peer support from other program participants. The program concludes with a final evaluation of the sustainability project and a certification ceremony for participants who successfully complete the program.

Finland is considered a global leader in sustainability and has implemented several best practices in ESG and green topics.

- Renewable energy: Finland has set a target to reach carbon neutrality by 2035, and renewable energy plays a significant role in achieving this goal. Finland has invested heavily in renewable energy sources, such as wind power and bioenergy, and has one of the highest percentages of renewable energy in the EU.
- Circular economy: Finland has been a pioneer in the circular economy, which aims to reduce waste and maximize the use of resources. The country has implemented several circular economy initiatives, such as a national circular economy roadmap and a circular economy accelerator program.
- Sustainable forestry: Finland has a long tradition of sustainable forestry and is a leader in forest certification. Over 90% of Finland’s forests are certified, and the country has implemented sustainable forest management practices that balance economic, social, and environmental objectives.
- Sustainable transport: Finland has implemented several initiatives to promote sustainable transport, such as investing in electric vehicles and developing a comprehensive network of bike paths. The country has also set a target to make all new cars sold in Finland zero-emission vehicles by 2035.
- Green finance: Finland has been at the forefront of sustainable finance, with several banks and asset managers offering sustainable investment options. The Finnish government has also issued several green bonds to finance sustainability initiatives.

Circular Economy concept



National Circular Economy Roadmap was launched in 2016 and aims to establish Finland as a global leader in the circular economy by 2025. The Roadmap was sponsored by the Finnish Innovation Fund Sitra and developed in collaboration with the Finnish government, businesses, and other stakeholders.

The Roadmap consists of several key initiatives, including:

- Developing a national circular economy action plan: The action plan outlines the measures that Finland will take to transition to a circular economy, such as increasing the use of renewable energy, improving resource efficiency, and promoting sustainable consumption and production.
- Establishing a circular economy competence center: The competence center provides support and expertise to businesses, public sector organizations, and other stakeholders on how to transition to a circular economy.
- Promoting circular economy business models: The Roadmap aims to promote circular business models, such as product-as-a-service and sharing economy models, that can help reduce waste and maximize the use of resources.
- Circular Economy Accelerator Program: The Circular Economy Accelerator Program is a public-private partnership that aims to accelerate the transition to a circular economy in Finland. The program was launched in 2019 and is sponsored by the Finnish Ministry of Economic Affairs and Employment, Sitra, and several private sector companies.

The program focuses on three main areas:

- Circular economy business development: The program provides funding and support to circular economy startups and SMEs to help them develop and scale their business models.
- Circular economy procurement: The program works with public sector organizations to promote circular procurement practices, such as buying products and services that are designed for circularity.
- Circular economy ecosystems: The program aims to build circular economy ecosystems by bringing together stakeholders from different sectors and regions to collaborate on circular economy initiatives.
- The Circular Economy Accelerator Program is still ongoing, so it's too early to report on specific results. However, the program has already supported several circular economy startups and facilitated collaborations between stakeholders from different sectors.



To fulfill Finland's National Circular Economy Action Plan, several activities were undertaken across different sectors of the economy:

Sustainable production and consumption:

- The Finnish government launched a program called „Cleantech Finland” to promote the development and export of sustainable technologies and solutions.
- The government also provided funding to support circular economy projects, such as developing circular bioeconomy solutions and promoting sustainable food systems.
- Several private sector companies, such as Ikea, have committed to becoming more sustainable and adopting circular business models.

Circular business models:

- The Finnish Innovation Fund Sitra launched a program called „Circular Economy Now!” to support the development and scaling of circular business models in Finland.
- Several circular economy startups and SMEs received funding and support from the Circular Economy Accelerator Program to develop their business models.
- The government introduced tax incentives for companies that invest in circular economy solutions.

Waste prevention and recycling:

- The Finnish government introduced a national waste plan to reduce waste generation and improve recycling rates.
- The government also provided funding to support waste prevention and recycling projects, such as developing new recycling technologies and improving waste sorting and collection systems.
- Several private sector companies, such as Stora Enso, have invested in developing new recycling technologies and closed-loop systems.

Sustainable public procurement:

- The Finnish government introduced guidelines for sustainable and circular procurement in the public sector.
- The government also launched a program called „CIRC4Life” to develop circular procurement practices and promote the use of circular products and services.
- Several municipalities and public sector organizations have adopted circular procurement practices, such as purchasing circular office furniture and using recycled materials in construction projects.

Circular economy knowledge and skills:

- The Finnish government established a Circular Economy Competence Center to provide support and expertise to businesses, public sector organizations, and other stakeholders on how to transition to a circular economy.
- Several universities and educational institutions have introduced circular economy education and training programs.
- The government launched a program called „Circular Finland” to promote circular economy knowledge and skills among businesses and consumers.

The plan provided a comprehensive framework for transitioning to a circular economy, and stakeholders across

different sectors of the economy have been actively working to implement its recommendations.

Finland's National Circular Economy Action Plan was published in 2017 and outlines Finland's strategy to become a circular economy leader by 2025.

Some key highlights from the plan:

- **Sustainable production and consumption:** The action plan aims to promote sustainable consumption and production patterns by reducing the environmental impact of products and services throughout their lifecycle. This includes measures such as promoting the use of renewable energy and improving resource efficiency.
- **Circular business models:** The action plan encourages the development and adoption of circular business models that minimize waste and maximize the use of resources. This includes promoting product-as-a-service models and sharing economy platforms.
- **Waste prevention and recycling:** The action plan includes measures to prevent waste generation and improve recycling rates. For example, it aims to increase the recycling rate of municipal waste to 55% by 2023 and to reduce food waste by 50% by 2030.
- **Sustainable public procurement:** The action plan promotes the use of sustainable and circular procurement practices in the public sector. This includes using procurement to drive innovation and encourage the development of circular business models.
- **Circular economy knowledge and skills:** The action plan aims to develop circular economy knowledge and skills among businesses, consumers, and other stakeholders. This includes establishing a circular economy competence center and promoting circular economy education and training.

Overall, Finland's National Circular Economy Action Plan provides a comprehensive framework for transitioning to a circular economy, and includes a wide range of measures to promote sustainable and circular practices across different sectors of the economy.

IV. EDUCATIONAL PROGRAM FOR GREEN LEADERS

The Green Leader program is a great way to empower individuals to become leaders in sustainability and environmental conservation. Here are some ideas for the content and structure of such a program.

Content:

- **Introduction to Sustainability:** An overview of sustainability principles, including the three pillars of sustainability (environmental, social, and economic), and the importance of sustainability for present and future generations.
- **Sustainable Living:** A deep dive into sustainable living practices, such as energy efficiency, waste reduction, water conservation, and sustainable transportation. Participants could learn practical tips for incorporating sustainable living into their daily lives.
- **Sustainable Business Practices:** An exploration of sustainable business practices, including green procurement, sustainable supply chain management, and sustainable marketing. Participants could learn how businesses can become more sustainable and how they can influence business practices as consumers.
- **Environmental Conservation:** An overview of environmental conservation, including ecosystem services, biodiversity, and natural resource management. Participants could learn about the importance of environmental conservation and practical tips for supporting conservation efforts.
- **Climate Change:** An exploration of climate change science, impacts, and solutions. Participants could

learn about the causes and consequences of climate change, as well as practical actions individuals and communities can take to mitigate and adapt to climate change.

Structure:

- Application and Selection: Prospective Green Leaders could apply for the program and be selected based on their interest and commitment to sustainability and environmental conservation.
- Orientation: The program could begin with an orientation to introduce the Green Leaders to each other and to the program's goals, expectations, and structure.
- Workshops and Training: The program could consist of a series of workshops and training sessions on the above topics, led by experts in the field of sustainability and environmental conservation.



- Mentorship and Networking: Participants could be paired with mentors who are experts in the field of sustainability and environmental conservation. Participants could also have opportunities to network with other Green Leaders and professionals in the field.
- Capstone Project: The program could culminate in a capstone project, where Green Leaders work on a sustainability-related project in their community. The project could be designed to address a local environmental challenge, raise awareness about sustainability issues, or promote sustainable living practices.

Overall, the Green Leader program should be designed to provide participants with the knowledge, skills, and networks to become effective leaders in sustainability and environmental conservation.

Programme consists of 5 Modules. Each Module consists of two crucial topics for scenarios. The time allocation for modules and sub-modules will depend on the work of experts in Task 2 of the project. The program is structured into modules, which means participants can choose to attend individual module workshops or the entire program based on their needs. Each module should last at least 8 hours, which means the entire program will span a minimum of 5 training days.

Vision of the topics in each Module:

MODULE 1: INTRODUCTION TO GREEN LEADERSHIP

Understanding the Principles of Sustainable Leadership

Section 1: Defining Green Leadership

Section 2: Why Green Leadership Matters

Exploring the Role of Ethics in Green Leadership

Section 3: The Role of Green Leaders

MODULE 2: ENVIRONMENTAL ISSUES AND SOLUTIONS

Climate Change and its Impacts on the Environment

Section 1: Climate

Section 2: Pollution

Biodiversity Conservation and Restoration Strategies

Section 3: Biodiversity Loss

Section 4: Sustainable Consumption and Production

MODULE 3: COMMUNICATION AND ADVOCACY SKILLS

Effective Communication Strategies for Green Leaders

Section 1: Understanding the basics of communication

Section 2: Developing advocacy strategies

Building Alliances and Collaborative Partnerships for Environmental Advocacy

Section 3: Building coalitions and partnerships

Section 4: Using social media and other digital tools

Section 5: Effective storytelling

MODULE 4: SUSTAINABLE BUSINESS AND FINANCE

Integrating Sustainability into Business Operations and Strategies

Section 1: Understanding sustainable business practices

Section 2: Engaging stakeholders

Section 3: Developing sustainable business plans

Section 4: Green marketing and branding

Sustainable Investment and Financing Models for Green Enterprises

Section 5: Green finance and investment

MODULE 5: ACTION PLANNING AND IMPLEMENTATION

Developing and Implementing Green Initiatives in the Workplace

Section 1: Setting goals and objectives

Section 2: Developing action plans and initiatives

Monitoring and Evaluating the Impact of Green Projects and Programs

Section 3: Project management

Section 4: Overcoming challenges

Section 5: Monitoring and evaluation



PROGRAMME:

MODULE 1: INTRODUCTION TO GREEN LEADERSHIP

Aim:

To introduce participants to the concept of Green Leadership and its importance in creating a sustainable future.

Module 1 is designed to provide an overview of what green leadership is and why it is becoming increasingly important in today's world. It sets the stage for the rest of the course, which will delve deeper into the skills and competencies needed to be an effective green leader. Participants will be able to define Green Leadership, identify its key characteristics, and understand how it can be applied in their community.

Key topics:

- What is Green Leadership?
- Why is Green Leadership important?
- Examples of successful Green Leaders
- Identifying opportunities for Green Leadership in your community

Module 1: Introduction to Green Leadership

Section 1: Introduction

This section provides an introduction to the course and explains the importance of green leadership. It highlights the key challenges facing leaders in today's world and how green leadership can help address these challenges.

Section 2: Defining Green Leadership

This section provides a definition of green leadership and explains what it means to be a green leader. It explores the key characteristics of green leaders and how they differ from traditional leaders.

Section 3: Why Green Leadership Matters

This section explains why green leadership is becoming increasingly important in today's world. It explores the environmental, social, and economic benefits of green leadership and how it can help organizations achieve sustainability goals.

Section 4: The Role of Green Leaders

This section explains the role of green leaders and the key skills and competencies they need to be effective. It explores how green leaders can inspire and motivate others to take action and make a positive impact on the environment.

Section 5: Conclusion

This section provides a summary of the key points covered in the module and highlights the importance of green leadership in creating a sustainable future.

MODULE 2: ENVIRONMENTAL ISSUES AND SOLUTIONS

Aim:

To provide participants with an understanding of the most pressing environmental issues facing society today and potential solutions.

Module 2 provides an overview of some of the most pressing environmental issues facing the world today, as well as potential solutions to address these challenges. It sets the stage for the rest of the course, which will delve deeper into how green leadership can help address these issues and create positive change. Participants will be able to identify major environmental issues, understand their causes and impacts, and identify potential solutions.

Key topics:

- Climate change and global warming
- Biodiversity loss and ecosystem degradation
- Pollution (air, water, soil)
- Waste management and recycling
- Sustainable resource use
- Green technologies and innovations

Module 2: Environmental Issues and Solutions

Section 1: Introduction

This section provides an overview of the module and explains the importance of understanding environmental issues and potential solutions. It highlights the key challenges facing the world, such as climate change, biodiversity loss, and pollution.

Section 2: Climate

Change This section focuses on the issue of climate change, including the science behind it and its impacts on the planet. It explores potential solutions, such as renewable energy, carbon pricing, and international agreements like the Paris Agreement.

Section 3: Biodiversity Loss

This section covers the issue of biodiversity loss, including the drivers of this problem and its impacts on ecosystems and human well-being. It explores potential solutions, such as protected areas, habitat restoration, and sustainable agriculture practices.

Section 4: Pollution

This section focuses on the issue of pollution, including the different types of pollution (such as air, water, and soil pollution) and their impacts on human health and the environment. It explores potential solutions, such as waste reduction, recycling, and pollution control technologies.

Section 5: Sustainable Consumption and Production

This section covers the issue of unsustainable consumption and production patterns, including the drivers of this problem and its impacts on the environment and human well-being. It explores potential solutions, such as circular economy models, sustainable supply chains, and green procurement policies.

Section 6: Conclusion

This section provides a summary of the key points covered in the module and highlights the importance of understanding environmental issues and potential solutions. It emphasizes the need for collective action to address these challenges and create a more sustainable future.



MODULE 3: COMMUNICATION AND ADVOCACY SKILLS

Aim:

To develop participants' skills in communication and advocacy for Green Leadership.

Participants will be able to communicate effectively about environmental issues, engage in advocacy efforts, and build coalitions to advance Green Leadership. Throughout the module, participants might also engage in interactive activities and exercises to develop and practice their communication and advocacy skills. These activities could include role-playing, group discussions, and presentations. Additionally, participants might be given opportunities to apply their skills in real-world scenarios, such as developing and delivering presentations to local government officials or organizing a grassroots advocacy campaign.

Key topics:

- Effective communication strategies
- Public speaking and presentation skills
- Building coalitions and partnerships
- Advocacy techniques and tactics
- Social media and digital marketing for Green Leadership

Module 3 Communication and Advocacy Skills

Section 1: Understanding the basics of communication

This might involve covering the principles of effective communication, including active listening, clear and concise messaging, and feedback.

Section 2: Developing advocacy strategies

Green leaders need to have a clear understanding of their objectives and how to communicate their goals to different audiences. The module could cover strategies for identifying and engaging with key stakeholders, as well as developing and delivering messages that resonate with different audiences.

Section 3: Building coalitions and partnerships

Successful advocacy often requires building coalitions and partnerships with other organizations and individuals. The module could cover strategies for identifying potential allies and developing collaborative relationships that can help drive change.

Section 4: Using social media and other digital tools

In today's digital age, social media and other digital tools can be powerful tools for communicating messages and building support. The module could cover best practices for using social media and other digital tools to advocate for green initiatives and build support for environmental causes.

Section 5: Effective storytelling

The module could also cover the art of storytelling and how to use personal narratives to connect with stakeholders and build support for green initiatives.

MODULE 4: SUSTAINABLE BUSINESS AND FINANCE

Aim:

To provide participants with an understanding of sustainable business and finance practices and how they can be applied to promote Green Leadership. Participants will be able to identify sustainable business and finance practices, understand their role in promoting Green Leadership, and identify opportunities to implement these practices in their community.

Throughout the module, participants might also engage in interactive activities and exercises to develop and practice their sustainable business and finance skills. These activities could include case studies, group discussions, and simulations. Additionally, participants might be given opportunities to apply their skills in real-world scenarios, such as developing sustainable business plans for local businesses or identifying green financing options for community projects.

Key topics:

- Sustainable business models and practices
- Sustainable finance and investment strategies
- Green procurement and supply chains
- Corporate social responsibility and sustainability reporting

Section 1: Understanding sustainable business practices

This might involve covering the principles of sustainable business practices, including sustainable supply chains, responsible sourcing, and circular economies. Participants could learn about different business models that prioritize sustainability and explore how sustainable practices can help businesses be more profitable over the long term.

Section 2: Green finance and investment

The module could cover different sources of green finance, including grants, loans, and impact investing. Participants could learn about the different types of green investment and financing available, as well as the benefits and risks associated with each.

Section 3: Developing sustainable business plans

Participants could learn how to develop business plans that prioritize sustainability, including setting sustainability goals and identifying metrics for measuring progress. The module could cover how to incorporate sustainable practices into different aspects of a business, from supply chain management to product design.

Section 4: Engaging stakeholders

The module could cover how to engage with stakeholders around sustainable business practices, including employees, customers, investors, and community members. Participants could learn how to communicate the benefits of sustainable practices and build support for green initiatives within their organizations and communities.

Section 5: Green marketing and branding

The module could also cover how to market and brand sustainable businesses effectively. Participants could learn how to develop marketing strategies that highlight a business's sustainable practices and communicate the benefits of those practices to consumers.



MODULE 5: ACTION PLANNING AND IMPLEMENTATION

Aim:

To support participants in developing action plans and implementing Green Leadership initiatives in their community. Participants will be able to develop an action plan for implementing Green Leadership initiatives, identify potential obstacles and opportunities, and apply their knowledge and skills to create positive change in their community. Throughout the module, participants might also engage in interactive activities and exercises to develop and practice their action planning and implementation skills. These activities could include group discussions, case studies, and simulations. Additionally, participants might be given opportunities to apply their skills in real-world scenarios, such as developing action plans for community sustainability initiatives or implementing a sustainability project in their local area.

Key topics:

- Action planning and project management
- Implementation strategies and tactics
- Overcoming obstacles and challenges
- Monitoring and evaluation of Green Leadership initiatives
-

Section 1: Setting goals and objectives

Participants could learn how to set specific, measurable, achievable, relevant, and time-bound (SMART) goals and objectives for their initiatives. They could also learn how to prioritize their goals and objectives based on their potential impact and feasibility.

Section 2: Developing action plans

Participants could learn how to develop detailed action plans that outline the specific steps required to achieve their goals and objectives. They could learn how to identify the resources required, including funding, personnel, and equipment, and how to allocate those resources effectively.

Section 3: Project management

The module could cover project management principles and tools that can help participants plan and execute their initiatives effectively. Participants could learn how to develop timelines, set milestones, and track progress against their goals and objectives.

Section 4: Overcoming challenges

Participants could learn how to anticipate and overcome common challenges that arise during the implementation of sustainability initiatives, including lack of funding, stakeholder resistance, and logistical obstacles.

Section 5: Monitoring and evaluation

The module could cover strategies for monitoring and evaluating the progress of sustainability initiatives. Participants could learn how to collect and analyze data, track key performance indicators (KPIs), and use that information to make adjustments to their initiatives as necessary.

Each module should include interactive and hands-on activities, such as case studies, group discussions, and

practical exercises, to enhance participants' learning and engagement. Additionally, guest speakers and site visits can be incorporated to provide real-world examples and experiences.

Timetable:

The amount of time required for each module in the Green Leader Programme may vary depending on the specific curriculum and learning objectives, as well as the pace of the participants. However, typically, each module in a training program like this may take anywhere from a few days to several weeks to complete, depending on the level of detail and the amount of time allocated for each session.

It is also important to note that the learning process may not be linear, and participants may need additional time to review or revisit certain concepts or skills covered in earlier modules as they progress through the program. Ultimately, the goal is for participants to develop a deep understanding of the subject matter and to acquire the skills and knowledge needed to become effective leaders in their local communities.

Learning objectives:

The Green Leader Programme is designed to provide participants with a range of knowledge, skills, and competencies that can help them become effective leaders in the field of sustainability and drive positive change in their local communities.

The educational effects that participants might gain from the program:

- Knowledge of sustainability principles: Participants may gain a deeper understanding of the principles of sustainability, including environmental, social, and economic sustainability, as well as the interconnections between these three pillars.
- Understanding of sustainability challenges and opportunities: Participants may learn about the various sustainability challenges faced by local communities, such as climate change, resource depletion, and environmental degradation. They may also learn about the potential opportunities for creating sustainable solutions in areas such as energy, transportation, waste management, and community development.
- Communication and advocacy skills: Participants may develop skills in communication and advocacy, such as public speaking, media relations, and social media marketing, which can help them effectively promote sustainability initiatives and build support for their ideas.
- Project management skills: Participants may gain skills in project management, including planning, budgeting, and monitoring and evaluation, which can help them effectively plan and execute sustainability initiatives.
- Leadership and collaboration skills: Participants may develop leadership and collaboration skills, such as team-building, conflict resolution, and stakeholder engagement, which can help them build effective partnerships and coalitions to drive sustainable change.
- Learn about the role of policy and governance in driving sustainability, and the strategies for influencing and shaping policy at the local and national levels.
- Business and finance skills: Participants may gain knowledge and skills in business and finance, including sustainable finance, accounting, and investment, which can help them effectively manage financial resources and develop sustainable business models.

Ultimately, the Green Leader Programme is designed to equip participants with the skills and knowledge needed to become effective leaders in sustainability and drive positive change in their local communities. By developing a deep understanding of sustainability principles and challenges, as well as acquiring a range of skills and competencies, participants can become more effective agents of change and contribute to a more sustainable future.

EXAMPLE OF GREEN LEADER ACTIVITY - Educate the community, workshops

Workshop Title: **Composting - How to Reduce Waste**

Workshop Description:

This workshop will teach participants the benefits of composting and how to reduce food waste. Participants will learn how to create a composting system in their own backyard or community garden, and will gain hands-on experience in creating and maintaining a compost pile. The aim of the composting workshop is to educate participants about the benefits of composting, how to compost effectively, and how to use compost to reduce waste and improve soil health.

Results (knowledge and skills):

1. Understanding of the benefits of composting: Participants should have a good understanding of the environmental benefits of composting, such as reducing greenhouse gas emissions and improving soil fertility.
2. Understanding of the different types of composting systems: Participants should have an understanding of the different types of composting systems and their pros and cons, as well as the factors to consider when choosing the right system.
3. Ability to create and maintain a compost pile: Participants should know how to create and maintain a compost pile, including choosing the right location, layering materials, and maintaining the right moisture and temperature levels.
4. Ability to troubleshoot common issues: Participants should be able to identify and troubleshoot common issues that can arise when composting, such as odors or slow decomposition.
5. Ability to use compost in gardening and landscaping: Participants should know how to incorporate compost into garden beds or potted plants, and understand the benefits of using compost in gardening and landscaping.
6. Understanding of how to reduce food waste: Participants should have an understanding of strategies for reducing food waste and how composting can be used to create a closed-loop system.

WORKSHOP AGENDA:

Module 1: Introduction to Composting and Its Benefits

Overview of what composting is and why it is important for reducing waste and improving soil health

Benefits of composting, including reducing greenhouse gas emissions and improving soil fertility

Discussion of the different types of organic materials that can be composted

Module 2: Types of Composting Systems and How to Choose the Right One

Overview of the different types of composting systems, such as traditional composting, vermicomposting, and bokashi composting

Comparison of the pros and cons of each type of composting system

Factors to consider when choosing the right composting system, such as available space and materials

Module 3: How to Create and Maintain a Compost Pile

Step-by-step instructions for creating a compost pile, including choosing the right location, layering materials, and maintaining the right moisture and temperature levels

Discussion of the importance of balancing carbon and nitrogen materials in the compost pile

Hands-on demonstration of how to turn the compost pile and troubleshoot common issues

Module 4: How to Troubleshoot Common Issues and Problems with Composting

Discussion of common issues that can arise when composting, such as odors, pests, and slow decomposition

Strategies for troubleshooting and addressing these issues, such as adding more carbon materials or adjusting the moisture level

Tips for troubleshooting issues specific to different types of composting systems

Module 5: How to Use Compost in Gardening and Landscaping

Overview of the benefits of using compost in gardening and landscaping, such as improving soil structure and reducing the need for chemical fertilizers

Discussion of different ways to use compost, such as as a soil amendment or as a mulch

Hands-on demonstration of how to incorporate compost into garden beds or potted plants

Module 6: Tips for Reducing Food Waste and Using Compost to Create a Closed-Loop System

Strategies for reducing food waste, such as meal planning and food storage tips

Discussion of the benefits of using compost to create a closed-loop system, such as reducing the amount of waste sent to landfills

Tips for using compost to reduce the environmental impact of other household activities, such as gardening or pet care

Each module can be presented as a combination of lecture, discussion, and hands-on activities, depending on the preferences of the participants and the available resources.

Materials Needed:

- Composting bins or materials for creating a compost pile
- Garden tools, such as shovels and pitchforks
- Handouts with information on composting and reducing food waste
- Samples of compost and compostable materials, such as fruit and vegetable scraps

Workshop Logistics:

- Location: A community garden or other outdoor space with access to a water source and a shaded area for participants
- Date and Time: To be determined based on availability of participants and instructors
- Instructors: A composting expert or local master gardener, and a facilitator to guide the workshop and answer questions
- Participants: Open to the local community, with a maximum of 20 participants to ensure a hands-on and interactive experience
- Registration: Participants can register through an online registration form or by contacting the facilitator directly.

Promotion and Outreach:

- Promotion of the workshop can be done through local community centers, social media, local newspapers, and community bulletin boards.
- Flyers and posters can be distributed to local businesses and community organizations to encourage participation.
- Social media posts can be shared on community groups and pages to reach a wider audience.
- Local gardening and sustainability groups can be invited to participate and promote the workshop to their members.

Expected Outcomes:

- Participants will gain knowledge and skills in composting and reducing food waste, which they can apply in their own backyards and communities.
- Participants will be inspired to take action towards a more sustainable lifestyle, reducing waste and creating a closed-loop system.
- The workshop will raise awareness about the benefits of composting and encourage participants to share their knowledge and skills with others in their community.

EXAMPLE OF GREEN LEADER ACTIVITY - organizing a Tree Planting Drive

As a local green leader, you are passionate about the environment and want to make a positive impact in your community. One initiative you would like to undertake is organizing a tree planting drive to increase the number of trees in your area.

Possible scenario for how you could organize the event:

- **Identify the location:** First, identify a suitable location for the tree planting drive. You may want to consider public parks or areas where there is a need for more greenery.
- **Get permission:** Next, obtain permission from the relevant authorities to conduct the tree planting drive in the chosen location. This may involve obtaining permits or working with local government officials.
- **Recruit volunteers:** Reach out to members of your community who are interested in environmental sustainability and recruit volunteers to help with the tree planting drive. You may want to use social media, local community groups, or word of mouth to get the word out.
- **Plan logistics:** Once you have a team of volunteers, plan the logistics of the tree planting drive. This may involve purchasing saplings, arranging for transportation to the planting site, and organizing tools and equipment for planting.
- **Host a training session:** Hold a training session for volunteers to teach them how to properly plant trees. This may involve providing information on the type of soil, depth of the hole, and watering requirements for the saplings.
- **Conduct the tree planting drive:** On the day of the event, gather all volunteers at the planting site and conduct the tree planting drive. Ensure that all volunteers are equipped with the necessary tools and equipment, and that there is a clear plan in place for planting the saplings.
- **Celebrate:** Once the planting is complete, celebrate the success of the event with the volunteers. Take photos, share them on social media, and thank everyone for their hard work and dedication.

Organizing a tree planting event can come with its own set of challenges. A few potential difficulties that may arise:

- **Getting permission:** Obtaining permission from the relevant authorities to conduct the tree planting event in a chosen location may be a challenge. You may need to go through a lengthy process of obtaining permits or working with local government officials to get approval.
- **Recruiting volunteers:** Finding enough volunteers who are passionate about environmental sustainability and are willing to help with the event can also be a challenge. You may need to use multiple channels to reach out to people and ensure that there is enough participation.
- **Weather conditions:** Weather conditions can impact the success of the event. For instance, heavy rain or storms may prevent volunteers from showing up or make it difficult to plant trees.
- **Lack of resources:** You may face a shortage of resources such as saplings, tools, and equipment for planting. You may need to work with local organizations or businesses to obtain these resources.
- **Follow-up care:** After planting trees, it is important to ensure that they receive adequate follow-up care, such as regular watering and pruning. This may require ongoing efforts from volunteers and other stakeholders to ensure that the trees are properly cared for.

By anticipating these challenges and planning accordingly, you can minimize the impact of these difficulties and ensure that the tree planting event is a success.



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