



Dilemma

User/Game Manual





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What is Dilemma?

Introduction

Dilemma is a serious strategy game created to educate players about the complexities of ecological transitions. As a leader, your mission is to manage your country's policies, economy, and resources to achieve sustainability without sacrificing economic stability.

This manual will guide you through installing and playing *Dilemma* while providing insights into the game mechanics to help you navigate its challenges effectively.

What Is The Game About?

In *Dilemma*, you are the decision-maker of a country at a critical juncture. Faced with the pressures of industrial growth and environmental degradation, you must implement policies that balance economic prosperity and ecological responsibility. From passing laws to managing trade agreements, every choice shapes your nation's future. The goal is to achieve harmony between economic and environmental factors while avoiding societal or ecological collapse.



What You Will Need

Before playing *Dilemma*, you'll need to ensure you have the required hardware and software available. This section provides an overview of the necessary components.

Hardware Requirements

To run *Dilemma*, you'll need the following:

- **Operating System:** Windows 10, macOS, or Linux
- **Processor:** Intel Core i3 or equivalent
- **RAM:** 4 GB
- **Storage:** 500 MB of free disk space
- **Graphics:** Integrated graphics capable of supporting OpenGL 3.3

Software Requirements

While *Dilemma* runs natively on your computer, some additional software is recommended to enhance the gaming experience and manage files.

- **Game Installation Files:** Download the latest version of *Dilemma* from the official GitHub repository.
- **Compression Tool:** Ensure you have a tool such as WinRAR or 7-Zip to extract the game files.
- **Graphics Drivers:** Update your graphics drivers to ensure compatibility with OpenGL 3.3.
- **Optional Tools:** If modding or advanced game configurations interest you, a text editor (e.g., Notepad++) may be helpful.

For step-by-step instructions on setting up your environment, proceed to the **Installation Guide** section



Setting Up the Environment

Follow these steps to set up and install *Dilemma* on your computer.

- 1. Visit the Official GitHub Repository**
 - Open your browser and navigate to the [Dilemma GitHub repository](#).
- 2. Download the Latest Release**
 - Locate the **Releases** section on the GitHub page.
 - Download the latest release as a compressed file (e.g., `.zip` or `.tar.gz`).
- 3. Run the Installer**
 - Locate the appropriate setup file for your operating system in the extracted folder.
 - **For Windows:** Double-click `setup-windows.exe`.
 - **For macOS:** Open `setup-macos.pkg`.
 - **For Linux:** Execute `setup-linux.sh` from the terminal (ensure it has executable permissions).
 - Follow the on-screen instructions to complete the installation.
- 4. Launch the Game**
 - Once installation is complete, locate the *Dilemma* shortcut on your desktop or in your applications folder.
 - Double-click the shortcut to start playing!



Important Notes

- **Administrator Permissions:** Some operating systems may require administrator permissions to run the installer.
- **Dependencies:** The installer will automatically check for and install any required dependencies, such as OpenGL 3.3 libraries.

If you encounter any issues during installation, visit the [Get Help](#) section for troubleshooting tips.



How to Play & Information

This section provides the necessary information to effectively play *Dilemma*.

Overview

In *Dilemma*, you lead your nation through the complex task of balancing economic prosperity with environmental responsibility. The game is turn-based, with each turn representing a set period of governance. Your decisions impact your nation's economy, pollution levels, and global standing. The gameplay loop involves analyzing metrics, passing policies, and monitoring progress to achieve sustainability.

Gameplay Loop

Analyze the Metrics:

- Review critical indicators like pollution levels, financial resources, and public satisfaction.
- Examine the status of individual sectors (Energy, Transport, etc.) to identify pressing issues.

Make Decisions:

- Implement policies through the **Laws and Policies** menu.
- Engage in international agreements using the **Diplomacy** panel.
- Invest in long-term advancements via **Research and Development (R&D)**.



Advance Time:

- Use the **Pass Time** button to progress to the next turn.
- Adapt to new challenges as the world evolves based on your decisions.

Monitor Outcomes:

- Evaluate the results of your actions, including changes to pollution, economy, and public response.
- Adjust your strategy accordingly to stay on track.



Controls

Dilemma is primarily controlled using a mouse and keyboard:

- **Mouse:**
 - **Left-Click:** Select options, interact with menus, and confirm actions.
- **Keyboard:**
 - **Arrow Keys or WASD:** Navigate the map.
 - **Esc:** Open the pause menu.
 - **Enter:** Confirm selections.



User Interface (UI) Overview

The Dilemma interface is designed to provide clear and accessible tools for managing your nation:

Key UI Elements:

1. Side Bars:

- **Left Side (Red Bar):** Represents **Pollution Levels**.
 - Higher levels indicate greater environmental degradation, threatening the sustainability of your country.
- **Right Side (Green Bar):** Represents **Financial Resources**.
 - Reflects the monetary reserves available to fund policies, research, and diplomatic efforts.

2. Central Buttons:

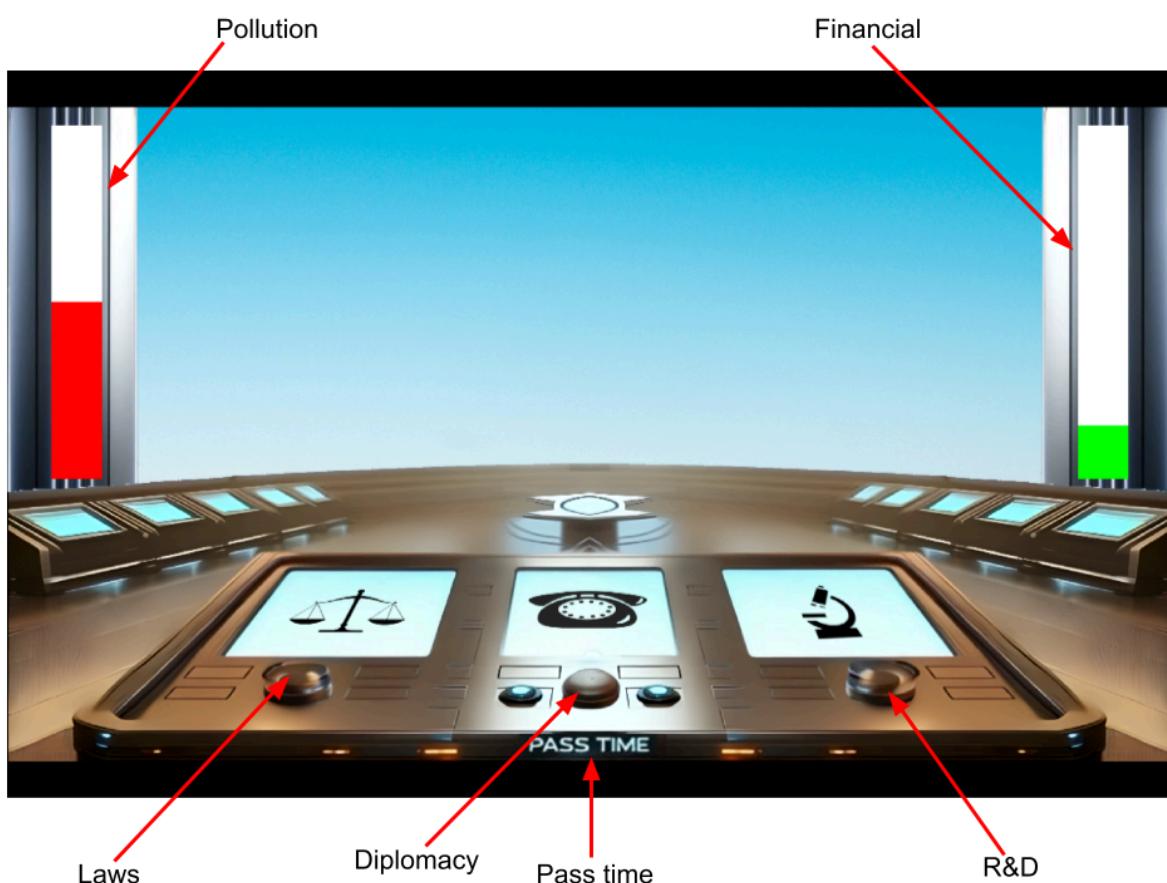
- **Laws (Left Button):**
 - Access the legislative panel to pass monetary and ecological laws.
 - Use this section to introduce policies that regulate emissions, adjust taxes, or incentivize renewable energy.
- **Diplomacy (Middle Button):**
 - Engage in international collaborations to form trade deals or share research efforts.
 - Strengthen global alliances to bolster economic and environmental progress.
- **Research and Development(R&D) (Right Button):**
 - Unlock and upgrade technologies that increase efficiency and reduce pollution.
 - This section focuses on long-term strategies for achieving sustainability.



3. Bottom Center Button:

- **Pass Time:**

- Progress to the next turn, advancing both your economy and environmental status while responding to new challenges.





Starting the Game

1. Main Menu:

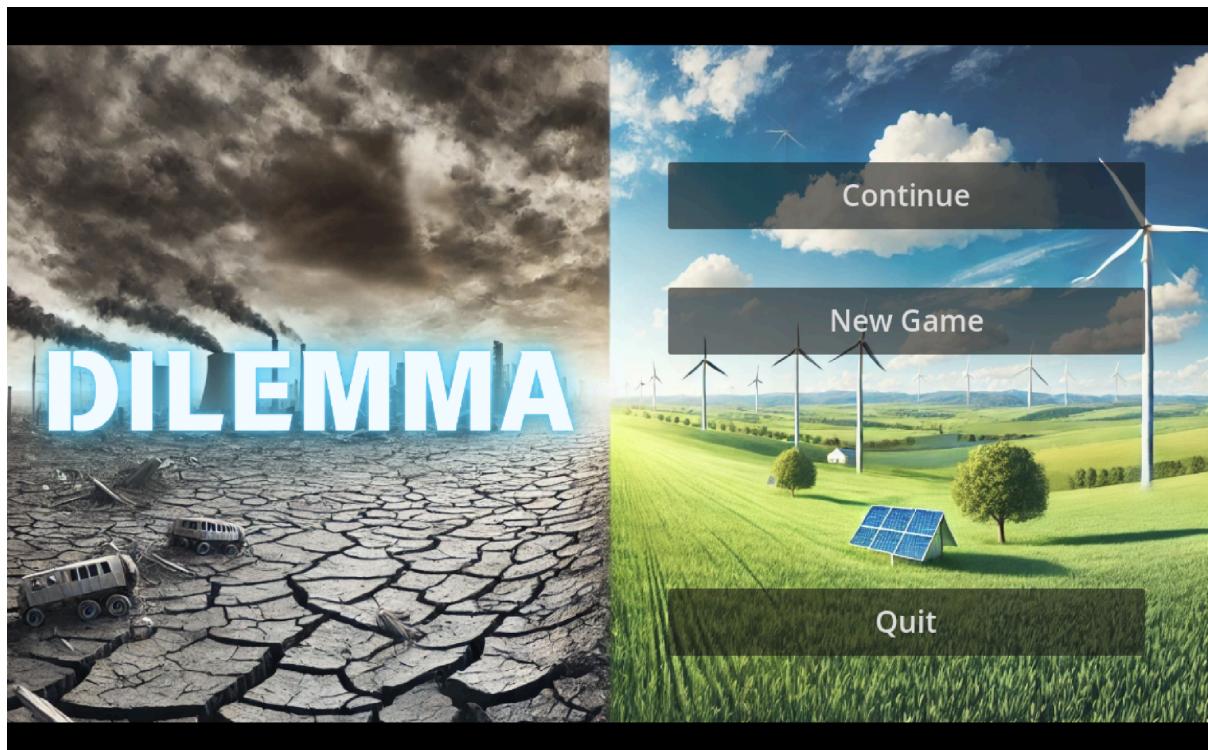
- Select "New Game" to start a new session.
- Choose "Load Game" to continue from a previous save.
- Access "Settings" to adjust game preferences.

2. Difficulty Selection:

- Choose from Beginner, Intermediate, or Expert modes.

3. Tutorial:

- It's recommended to play through the tutorial for a comprehensive understanding of game mechanics.

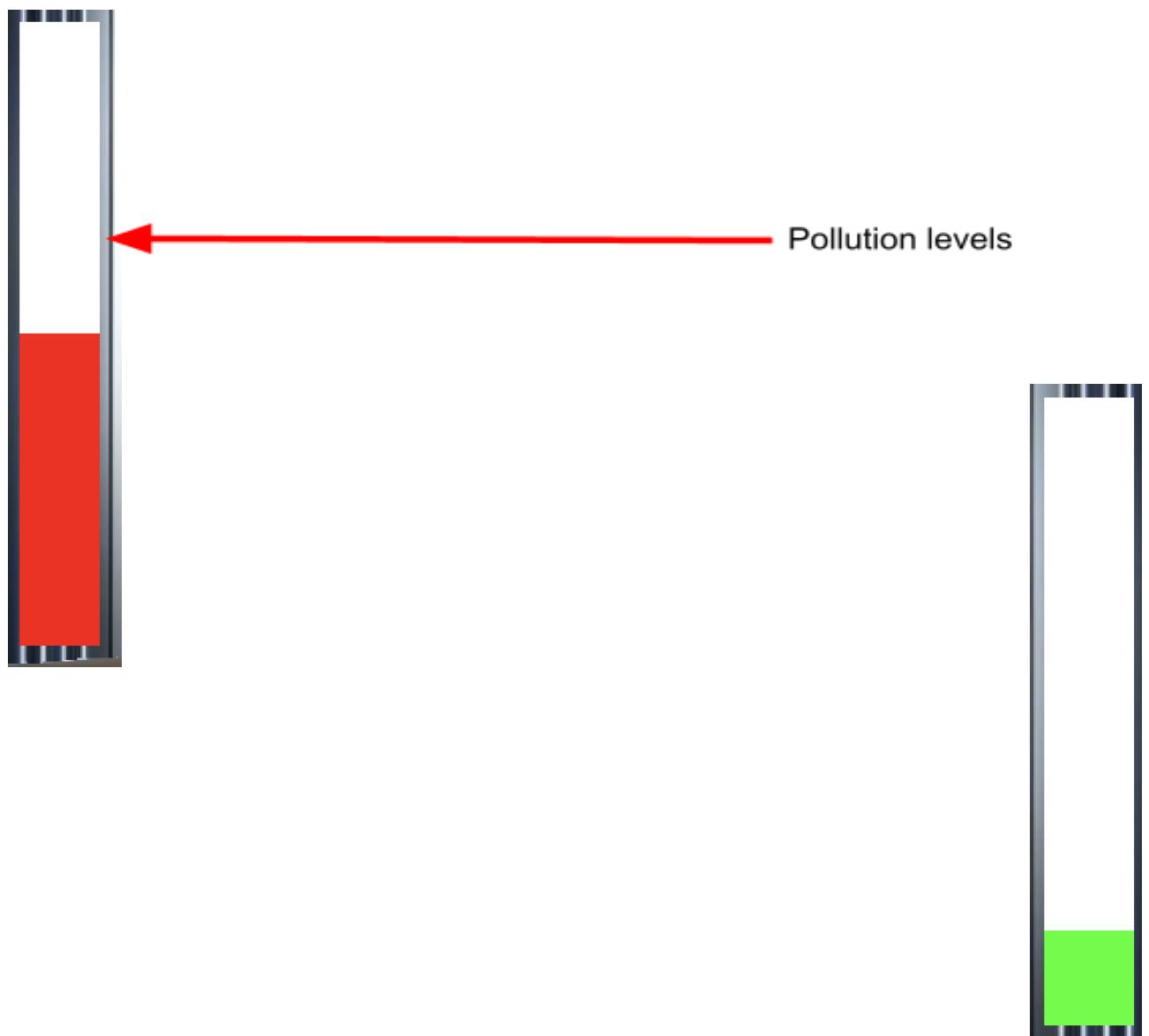




Gameplay Mechanics

Economy & Pollution Management:

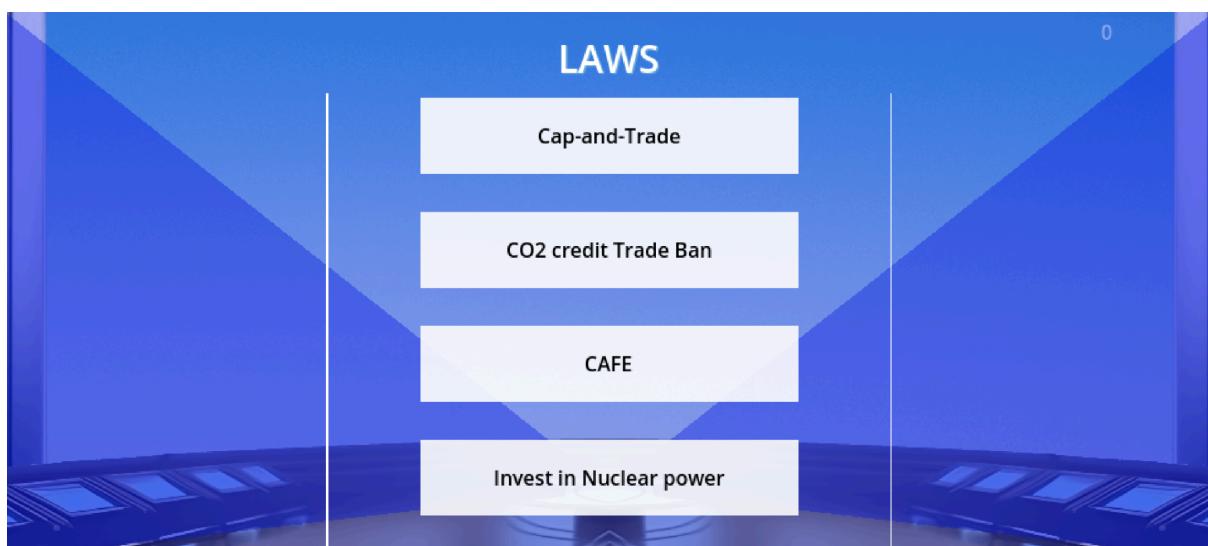
- Each node (e.g., Energy, Transport, Education) has values for Money and Pollution.
- Investments affect supply and demand relationships, with growth following specific functional rules.





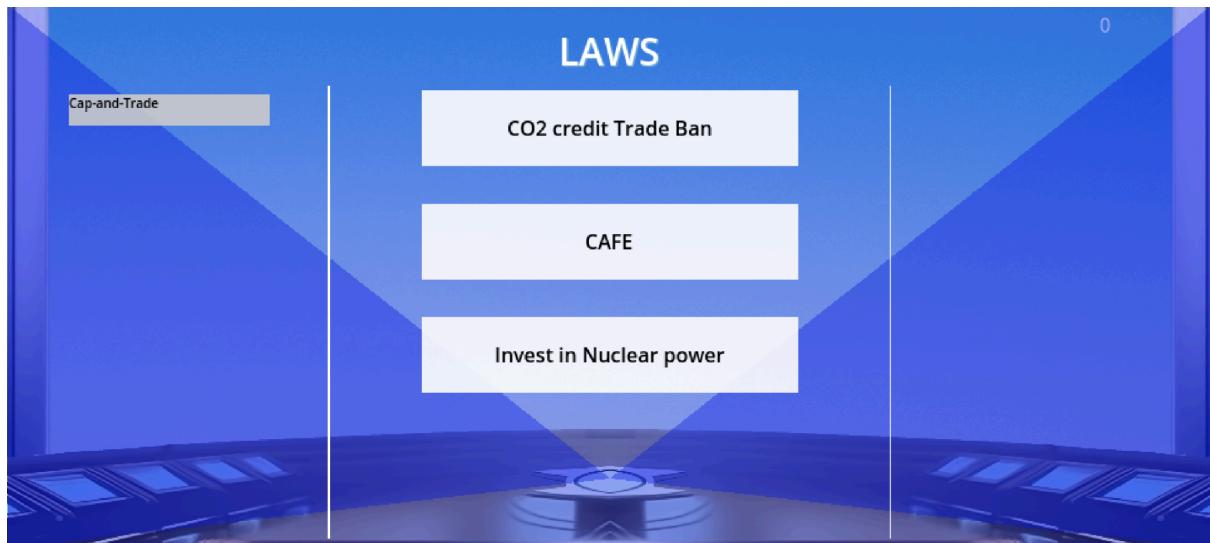
Laws and Policies:

- Pass laws to regulate pollution and enhance sustainability, including Monetary Laws (taxes and subsidies) and Ecological Laws (emission caps, green energy incentives).





- When a law is selected, a short description will appear on the right screen.



- Accepted laws will appear on the left side of the screen.



Diplomacy:

- Engage in international agreements to strengthen alliances and share resources.
- Types of agreements include Trade Agreements and Research Sharing.





Research and Development:

- Develop technologies that improve efficiency and reduce pollution, such as renewable energy sources or cleaner transportation methods.



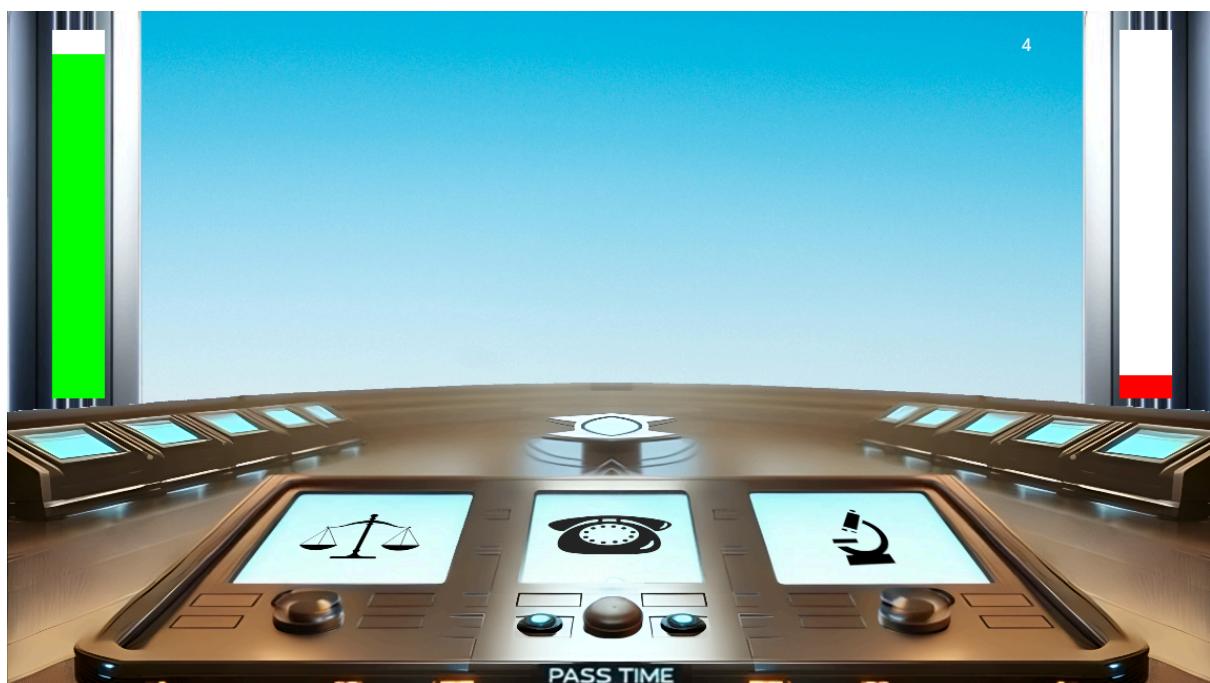
- A star will be highlighted to represent a technology has been researched and developed during the turn.



Objectives and Scoring

Winning Conditions

- Achieve a sustainable balance between economy and environment.
- Fulfill predefined success metrics, such as:
 - Low pollution levels.
 - Stable economic growth.





Losing Conditions

- **Environmental Collapse:** Excessive pollution makes your nation uninhabitable.
- **Economic Crisis:** Prolonged mismanagement leads to social unrest and loss of control.
 - When all of these conditions are met the bad ending will appear.





Get Help & Troubleshooting

This section provides solutions for common issues and ensures you can enjoy a smooth gaming experience with Dilemma.

Tips and Strategies

General Strategies

- **Focus on Stabilizing Critical Areas:** Prioritize stabilizing essential nodes like Energy and Transport during the early game.
- **Diversify Investments:** Avoid relying heavily on one sector to reduce risks of resource shortages or imbalances.

Diplomacy and Research

- **Form Alliances:** Use diplomacy to share the costs of research and forge strong alliances that can provide strategic advantages.
- **Invest Wisely:** Focus on renewable energy and cutting-edge technologies for long-term sustainability and economic growth.

Long-Term Planning

- **Monitor Metrics:** Regularly check supply-demand data and key indicators to make informed decisions.
- **Balance Priorities:** Combine short-term policies with strategies for long-term ecological and economic stability.



Frequently Asked Questions (FAQ)

Q: What happens if pollution exceeds safe levels?

- **A:** The game ends in environmental collapse, representing a failure to manage ecological sustainability.

Q: Can I save my game progress?

- **A:** Dilemma does not currently feature a save option. Each session is designed to be completed in one playthrough.

Q: Are there different difficulty levels?

- **A:** No, Dilemma features a single difficulty level, designed to provide a balanced challenge for all players.

Q: How can I reduce lag during gameplay?

- **A:** Lower the graphics quality in the settings menu and close unnecessary background applications.



Troubleshooting

Issue: The game is running slowly.

- **Solution:** Lower the graphics settings via the options menu and close any background applications consuming resources.

Issue: Game crashes on startup.

- **Solution:** Ensure your system meets the game's requirements, update your graphics drivers, and restart the game.

Issue: UI elements are missing or glitching.

- **Solution:** Restart the game. If the issue persists, reinstall and check for available updates.



Safety Recommendations

Hardware Safety

- **Ensure Proper Connections:** Verify all hardware components, such as monitors and controllers, are securely connected to prevent malfunctions.
- **Electrical Safety:** Avoid placing liquids near devices to reduce the risk of electric shock or damage.

Health and Ergonomics

- **Maintain Good Posture:** Sit comfortably while playing to avoid back or neck strain.
- **Take Breaks:** Rest every 30-60 minutes to reduce eye strain and fatigue.
- **Monitor Settings:** Place your screen at eye level and ensure it's not too bright in dim lighting.



Contact Support

If you're still experiencing issues or have questions that aren't addressed here, our support team is ready to help.

- **Via Email:** Reach out to us directly at [✉️ support@dilemma-game.com](mailto:support@dilemma-game.com).
- **On GitHub:** Visit our [repository](#) for more information or submit a detailed issue report.

We're committed to resolving your issues promptly to ensure you have the best gaming experience possible.