

ELECTRONIC RECYCLING

By :-

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E-WASTE

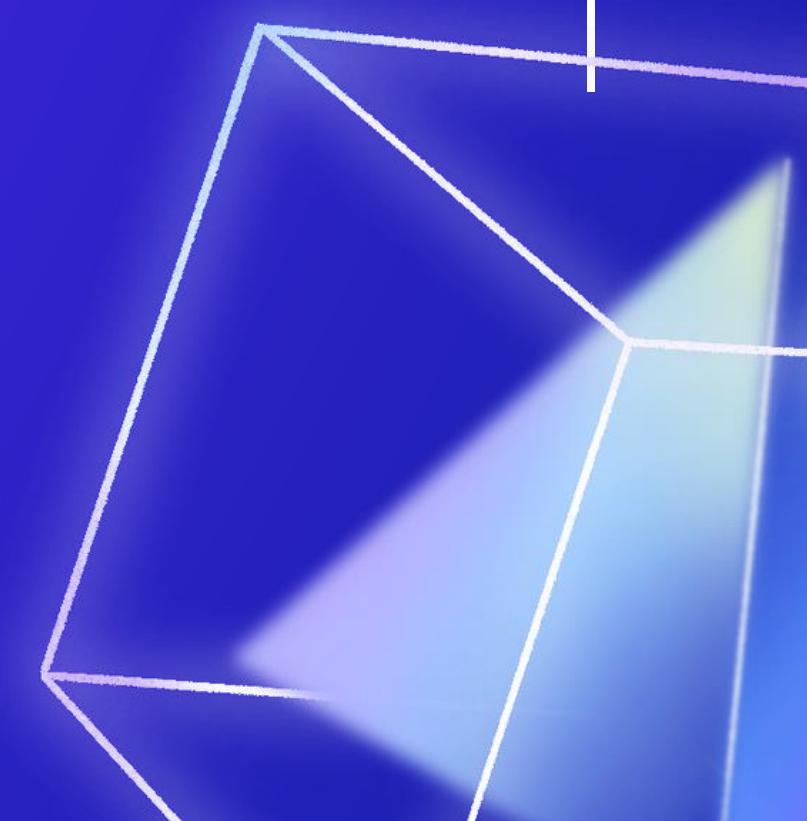


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Introduction

- The electronic waste recycling project aims to reduce environmental pollution by managing electronic waste, which contains hazardous materials that can harm the ecosystem.
 - Through recycling, the project seeks to recover valuable materials, such as metals and rare earth elements, that can be reused in new products, thus reducing the demand for raw materials.
 - Electronic waste recycling not only protects the environment but also creates economic opportunities, providing new jobs and contributing to a circular economy.
 - By adopting this recycling approach, we aim to create a safer and cleaner environment while supporting the growing global demand for sustainable and eco-friendly solutions.
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PROJECT OBJECTIVES

- **Objective 1:** Set up an electronic waste collection, sorting, and recycling system.
- **Objective 2:** Implement effective recycling methods to recover valuable materials.
- **Objective 3:** Create job opportunities and educate the community.
- **Objective 4:** Achieve compliance with environmental regulations.

REQUIREMENTS



- Facility layout and design.
- Recycling Process & Equipment.
- Manpower.
- Obtaining Permits and Licenses.
- Establishing E-Waste Supply Sources.

Project phases

1. Planning and Feasibility Study.
2. Design and Engineering.
3. Legal Approvals and Funding.
4. Construction.
5. Staffing and Training.
6. Operations Setup.
7. Marketing and Distribution.
8. Launch and Scaling.
9. Monitoring and Sustainability.



PROJECT MANAGER INFO

- Name: Waleed Radwan

- Responsibilities:

- Planning, supervising, coaching.
- Ensuring quality, risk management.
- Training, decision-making, assigning contracts.



Tools we use



- Microsoft Project



MILESTONES

12-Months Timeline:

- 3rd month : Facility Design & Permits
- 6th month : Equipment Installation
- 9th month : Hiring & Training
- 12th month : Full Operations

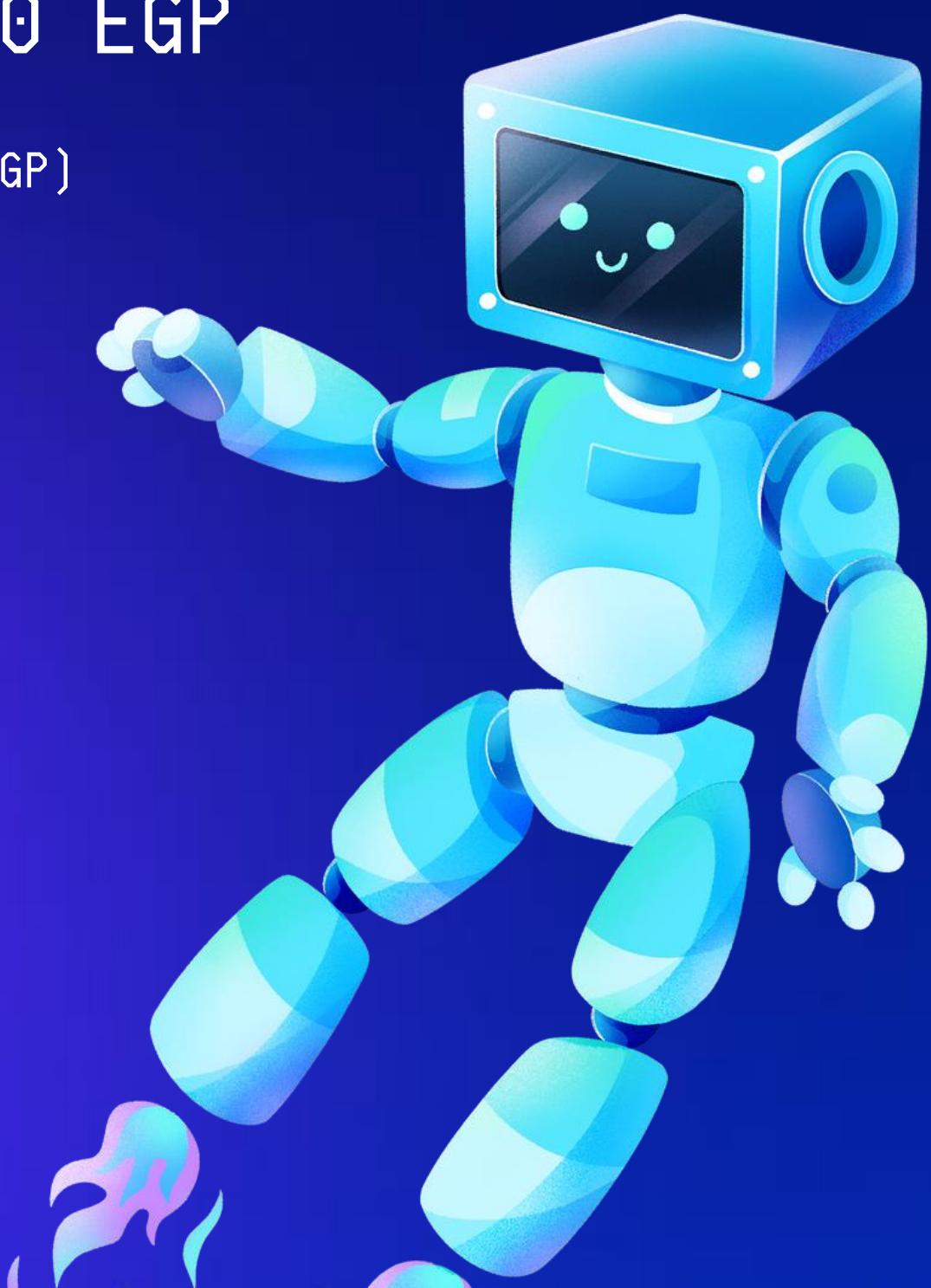


TIMELINE

| E-Waste Recycling Project Timeline | | | | | | | | | | | | Start | Finish | | | | |
|--------------------------------------|--------|--------|-------------------------------|----------|--------|-----------------------------|--------|----------|--------------------------------|----------|--------|---------------------------------|-----------------------------|------------------------|---------------------------------|-----------------------------------|--|
| | | | | | | | | | | | | | | | | | |
| Phase A: Pre-Construction & Planning | | | Phase B: Construction & Setup | | | Phase C: Testing & Training | | | Phase D: Operation & Expansion | | | Phase E: Monitoring & Reporting | | | Phase F: Final Audit & Handover | | |
| Week | Sunday | Monday | Tuesday | Saturday | Sunday | Saturday | Sunday | Saturday | Sunday | Saturday | Sunday | Start | Finish | Lead | Team | Scope | |
| 1 | Oct 1 | Oct 2 | Oct 3 | Oct 6 | Oct 7 | Oct 8 | Oct 9 | Oct 10 | Oct 11 | Oct 12 | Oct 13 | Tue 10/1/24 | Tue 9/30/25 | Project Manager | Team A | E-Waste Recycle Project 30-9-2024 | |
| 2 | Oct 8 | Oct 9 | Oct 10 | Oct 13 | Oct 14 | Oct 15 | Oct 16 | Oct 17 | Oct 18 | Oct 19 | Oct 20 | Mon 10/8/24 - Fri 10/12/24 | Mon 10/15/24 - Fri 10/19/24 | Project Initiation | Team A | Permits and Licensing | |
| 3 | Oct 15 | Oct 16 | Oct 17 | Oct 20 | Oct 21 | Oct 22 | Oct 23 | Oct 24 | Oct 25 | Oct 26 | Oct 27 | Mon 10/15/24 - Fri 10/19/24 | Mon 10/22/24 - Fri 10/26/24 | Equipment Procurement | Team B | Construction of Facility | |
| 4 | Oct 22 | Oct 23 | Oct 24 | Oct 27 | Oct 28 | Oct 29 | Oct 30 | Oct 31 | Nov 1 | Nov 2 | Nov 3 | Mon 10/22/24 - Fri 10/26/24 | Mon 11/05/24 - Fri 11/09/24 | Health & Safety Setup | Team C | Facility Inspection and Setup | |
| 5 | Oct 29 | Oct 30 | Oct 31 | Nov 5 | Nov 6 | Nov 7 | Nov 8 | Nov 9 | Nov 10 | Nov 11 | Nov 12 | Mon 10/29/24 - Fri 11/02/24 | Mon 11/12/24 - Fri 11/16/24 | Recycling Operations | Team D | Cooperative Testing | |
| 6 | Nov 5 | Nov 6 | Nov 7 | Nov 12 | Nov 13 | Nov 14 | Nov 15 | Nov 16 | Nov 17 | Nov 18 | Nov 19 | Mon 11/12/24 - Fri 11/16/24 | Mon 11/19/24 - Fri 11/23/24 | Sorting & Recycling | Team E | Testing and Reporting | |
| 7 | Nov 12 | Nov 13 | Nov 14 | Nov 19 | Nov 20 | Nov 21 | Nov 22 | Nov 23 | Nov 24 | Nov 25 | Nov 26 | Mon 11/19/24 - Fri 11/23/24 | Mon 11/26/24 - Fri 11/30/24 | Hazardous Waste | Team F | Facility Testing | |
| 8 | Nov 19 | Nov 20 | Nov 21 | Nov 26 | Nov 27 | Nov 28 | Nov 29 | Nov 30 | Dec 1 | Dec 2 | Dec 3 | Mon 11/26/24 - Fri 11/30/24 | Mon 12/03/24 - Fri 12/07/24 | Manpower Hiring | Team G | Project Review | |
| 9 | Nov 26 | Nov 27 | Nov 28 | Dec 3 | Dec 4 | Dec 5 | Dec 6 | Dec 7 | Dec 8 | Dec 9 | Dec 10 | Mon 12/03/24 - Fri 12/07/24 | Mon 12/10/24 - Fri 12/14/24 | Hiring Process | Team H | Training Program | |
| 10 | Dec 3 | Dec 4 | Dec 5 | Dec 10 | Dec 11 | Dec 12 | Dec 13 | Dec 14 | Dec 15 | Dec 16 | Dec 17 | Mon 12/10/24 - Fri 12/14/24 | Mon 12/17/24 - Fri 12/21/24 | Training Program | Team I | Final Audit & Handover | |
| 11 | Dec 10 | Dec 11 | Dec 12 | Dec 17 | Dec 18 | Dec 19 | Dec 20 | Dec 21 | Dec 22 | Dec 23 | Dec 24 | Mon 12/17/24 - Fri 12/21/24 | Mon 12/24/24 - Fri 12/28/24 | Final Audit & Handover | Team J | Post-Audit Follow-up | |
| 12 | Dec 17 | Dec 18 | Dec 19 | Dec 24 | Dec 25 | Dec 26 | Dec 27 | Dec 28 | Dec 29 | Dec 30 | Dec 31 | Mon 12/24/24 - Fri 12/28/24 | Mon 12/31/24 - Fri 01/04/25 | Post-Audit Follow-up | Team K | Project Closure | |
| 13 | Dec 24 | Dec 25 | Dec 26 | Dec 31 | Jan 1 | Jan 2 | Jan 3 | Jan 4 | Jan 5 | Jan 6 | Jan 7 | Mon 12/31/24 - Fri 01/04/25 | Mon 01/08/25 - Fri 01/12/25 | Project Closure | Team L | Future Work Planning | |
| 14 | Dec 31 | Jan 1 | Jan 2 | Jan 7 | Jan 8 | Jan 9 | Jan 10 | Jan 11 | Jan 12 | Jan 13 | Jan 14 | Mon 01/08/25 - Fri 01/12/25 | Mon 01/15/25 - Fri 01/19/25 | Future Work Planning | Team M | Next Steps | |
| 15 | Jan 7 | Jan 8 | Jan 9 | Jan 14 | Jan 15 | Jan 16 | Jan 17 | Jan 18 | Jan 19 | Jan 20 | Jan 21 | Mon 01/15/25 - Fri 01/19/25 | Mon 01/22/25 - Fri 01/26/25 | Next Steps | Team N | Final Report | |
| 16 | Jan 14 | Jan 15 | Jan 16 | Jan 21 | Jan 22 | Jan 23 | Jan 24 | Jan 25 | Jan 26 | Jan 27 | Jan 28 | Mon 01/22/25 - Fri 01/26/25 | Mon 01/29/25 - Fri 02/02/25 | Final Report | Team O | Project Summary | |
| 17 | Jan 21 | Jan 22 | Jan 23 | Jan 28 | Jan 29 | Jan 30 | Jan 31 | Feb 1 | Feb 2 | Feb 3 | Feb 4 | Mon 01/29/25 - Fri 02/02/25 | Mon 02/05/25 - Fri 02/09/25 | Project Summary | Team P | Lessons Learned | |
| 18 | Jan 28 | Jan 29 | Jan 30 | Feb 4 | Feb 5 | Feb 6 | Feb 7 | Feb 8 | Feb 9 | Feb 10 | Feb 11 | Mon 02/05/25 - Fri 02/09/25 | Mon 02/12/25 - Fri 02/16/25 | Lessons Learned | Team Q | Future Initiatives | |
| 19 | Feb 4 | Feb 5 | Feb 6 | Feb 11 | Feb 12 | Feb 13 | Feb 14 | Feb 15 | Feb 16 | Feb 17 | Feb 18 | Mon 02/12/25 - Fri 02/16/25 | Mon 02/19/25 - Fri 02/23/25 | Future Initiatives | Team R | Conclusion | |
| 20 | Feb 11 | Feb 12 | Feb 13 | Feb 18 | Feb 19 | Feb 20 | Feb 21 | Feb 22 | Feb 23 | Feb 24 | Feb 25 | Mon 02/19/25 - Fri 02/23/25 | Mon 02/26/25 - Fri 03/02/25 | Conclusion | Team S | Final Feedback | |
| 21 | Feb 18 | Feb 19 | Feb 20 | Feb 25 | Feb 26 | Feb 27 | Feb 28 | Feb 29 | Mar 1 | Mar 2 | Mar 3 | Mon 02/26/25 - Fri 03/02/25 | Mon 03/05/25 - Fri 03/09/25 | Final Feedback | Team T | Project Archiving | |
| 22 | Feb 25 | Feb 26 | Feb 27 | Mar 3 | Mar 4 | Mar 5 | Mar 6 | Mar 7 | Mar 8 | Mar 9 | Mar 10 | Mon 03/05/25 - Fri 03/09/25 | Mon 03/12/25 - Fri 03/16/25 | Project Archiving | Team U | Next Steps | |
| 23 | Mar 3 | Mar 4 | Mar 5 | Mar 10 | Mar 11 | Mar 12 | Mar 13 | Mar 14 | Mar 15 | Mar 16 | Mar 17 | Mon 03/12/25 - Fri 03/16/25 | Mon 03/19/25 - Fri 03/23/25 | Next Steps | Team V | Final Report | |
| 24 | Mar 10 | Mar 11 | Mar 12 | Mar 17 | Mar 18 | Mar 19 | Mar 20 | Mar 21 | Mar 22 | Mar 23 | Mar 24 | Mon 03/19/25 - Fri 03/23/25 | Mon 03/26/25 - Fri 03/30/25 | Final Report | Team W | Project Summary | |
| 25 | Mar 17 | Mar 18 | Mar 19 | Mar 24 | Mar 25 | Mar 26 | Mar 27 | Mar 28 | Mar 29 | Mar 30 | Mar 31 | Mon 03/26/25 - Fri 03/30/25 | Mon 04/02/25 - Fri 04/06/25 | Project Summary | Team X | Lessons Learned | |
| 26 | Mar 24 | Mar 25 | Mar 26 | Mar 31 | Apr 1 | Apr 2 | Apr 3 | Apr 4 | Apr 5 | Apr 6 | Apr 7 | Mon 04/02/25 - Fri 04/06/25 | Mon 04/09/25 - Fri 04/13/25 | Lessons Learned | Team Y | Future Initiatives | |
| 27 | Mar 31 | Apr 1 | Apr 2 | Apr 7 | Apr 8 | Apr 9 | Apr 10 | Apr 11 | Apr 12 | Apr 13 | Apr 14 | Mon 04/09/25 - Fri 04/13/25 | Mon 04/16/25 - Fri 04/20/25 | Future Initiatives | Team Z | Conclusion | |
| 28 | Apr 7 | Apr 8 | Apr 9 | Apr 14 | Apr 15 | Apr 16 | Apr 17 | Apr 18 | Apr 19 | Apr 20 | Apr 21 | Mon 04/16/25 - Fri 04/20/25 | Mon 04/23/25 - Fri 04/27/25 | Conclusion | Team AA | Final Feedback | |
| 29 | Apr 14 | Apr 15 | Apr 16 | Apr 21 | Apr 22 | Apr 23 | Apr 24 | Apr 25 | Apr 26 | Apr 27 | Apr 28 | Mon 04/23/25 - Fri 04/27/25 | Mon 04/30/25 - Fri 05/04/25 | Final Feedback | Team BB | Project Archiving | |
| 30 | Apr 21 | Apr 22 | Apr 23 | Apr 28 | Apr 29 | Apr 30 | May 1 | May 2 | May 3 | May 4 | May 5 | Mon 04/30/25 - Fri 05/04/25 | Mon 05/07/25 - Fri 05/11/25 | Project Archiving | Team CC | Next Steps | |
| 31 | Apr 28 | Apr 29 | Apr 30 | May 5 | May 6 | May 7 | May 8 | May 9 | May 10 | May 11 | May 12 | Mon 05/07/25 - Fri 05/11/25 | Mon 05/14/25 - Fri 05/18/25 | Next Steps | Team DD | Final Report | |
| 32 | May 5 | May 6 | May 7 | May 12 | May 13 | May 14 | May 15 | May 16 | May 17 | May 18 | May 19 | Mon 05/14/25 - Fri 05/18/25 | Mon 05/21/25 - Fri 05/25/25 | Final Report | Team EE | Project Summary | |
| 33 | May 12 | May 13 | May 14 | May 19 | May 20 | May 21 | May 22 | May 23 | May 24 | May 25 | May 26 | Mon 05/21/25 - Fri 05/25/25 | Mon 05/28/25 - Fri 05/31/25 | Project Summary | Team FF | Lessons Learned | |
| 34 | May 19 | May 20 | May 21 | May 26 | May 27 | May 28 | May 29 | May 30 | May 31 | Jun 1 | Jun 2 | Mon 05/28/25 - Fri 05/31/25 | Mon 06/04/25 - Fri 06/08/25 | Lessons Learned | Team GG | Future Initiatives | |
| 35 | May 26 | May 27 | May 28 | May 31 | Jun 1 | Jun 2 | Jun 3 | Jun 4 | Jun 5 | Jun 6 | Jun 7 | Mon 06/04/25 - Fri 06/08/25 | Mon 06/11/25 - Fri 06/15/25 | Future Initiatives | Team HH | Conclusion | |
| 36 | May 31 | Jun 1 | Jun 2 | Jun 7 | Jun 8 | Jun 9 | Jun 10 | Jun 11 | Jun 12 | Jun 13 | Jun 14 | Mon 06/11/25 - Fri 06/15/25 | Mon 06/18/25 - Fri 06/22/25 | Conclusion | Team II | Final Feedback | |
| 37 | Jun 7 | Jun 8 | Jun 9 | Jun 14 | Jun 15 | Jun 16 | Jun 17 | Jun 18 | Jun 19 | Jun 20 | Jun 21 | Mon 06/18/25 - Fri 06/22/25 | Mon 06/25/25 - Fri 06/29/25 | Final Feedback | Team JJ | Project Archiving | |
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BUDGET

- Estimated Cost: about 7,300,000 EGP
(7,349,667 EGP)
- Breakdown:
 - Facility: 306,667 EGP
 - Equipment: 4,831,000 EGP
 - Manpower: 2,162,000 EGP
 - Permits & Licenses: 50,000 EGP





INVESTMENT HIGHLIGHTS

- Market Potential: Growing demand for electronic recycling.
- Green Environment: Reduce Electronic Wastes hazards
- Revenue Streams: Recovered materials, government incentives, partnerships.
- Social Impact: Job creation, community engagement.
- Sustainability: Compliance with environmental regulations.



CONCLUSION

- SUMMARY: RECAP OF PROJECT OBJECTIVES AND BENEFITS.

CALL TO ACTION: ENCOURAGE INVESTMENT FOR A SUSTAINABLE FUTURE

THANK YOU!

E-WASTE

