ENERCO INNOVATIONS Website

A modern, responsive website for a Nigerian solar panel solutions company specializing in MSME power solutions with flexible payment plans.

📁 File Structure

```
enerco-innovations/
│
├── index.html          # Main HTML file
├── styles.css          # All styling
├── script.js           # JavaScript functionality
├── solar-energy-video.mp4  # Hero background video (you need to add this)
└── README.md           # This file
```

🚀 Quick Start

Step 1: Download Files

Save these three files in the same folder:

- index.html

- styles.css

- script.js

Step 2: Add Background Video

The website requires a background video for the hero section. You have two options:

Option A: Add Your Own Video

1. Get a solar energy/panels video

2. Name it `solar-energy-video.mp4`

3. Place it in the same folder as the HTML file

Option B: Use Fallback (Gradient Background) If you don't have a video yet, the site will display a gradient background automatically. The video section is already styled to work with or without video.

Video Recommendations:

- Format: MP4 (H.264 codec)

- Resolution: 1920x1080 or higher

- Length: 10-30 seconds (looping)

- Size: Under 10MB for faster loading

- Content: Solar panels, installations, business settings

Free Video Sources:

- Pexels.com (search "solar panels")

- Pixabay.com (search "solar energy")

- Videvo.net (search "renewable energy")

Step 3: Test Locally

Double-click (index.html) to open in your browser

Step 4: Deploy

Upload all files to your web hosting service

📤 Deployment Instructions

For cPanel/Standard Hosting:

1. Login to your hosting control panel

2. Navigate to File Manager

3. Go to (public_html) directory

4. Upload all files including the video

5. Your site will be live at your domain

For Netlify:

1. Create account at netlify.com

2. Drag and drop your folder

3. Site deploys automatically

4. Get a custom domain or use provided URL

For GitHub Pages:

1. Create a GitHub repository

2. Upload all files

3. Go to Settings > Pages

4. Select main branch

5. Site goes live in minutes

✨ Updated Features

Homepage

- **Hero Section**: Video background with overlay (or gradient fallback)

- **New Tagline**: "Take Control of Your Power Supply"

- **Updated Benefits**: Focuses on Nigerian market (Naira pricing, Lotus Bank)

- **Impact Metrics**: Shows 50+ customers, 50MW+ energy, diesel avoided, CO_2 displaced, noise reduced

- **What We Offer**: 24/7 power, 5-year warranty, modular systems, flexible funding, etc.

About Page

- Company origin story

- Vision and mission statements

- Core values: Integrity, Inclusion, Innovation

- Executive team profiles:

  - Hartwell Ayambiliko (CEO & Co-founder)

  - Ernest Ezeh (COO & Co-founder)

  - Mmanuella Cann (CFO)

  - Future Yintii (CTO)

Services Page

- Complete system components (panels, inverters, batteries)

- **Standard MSME Package**: ₦880,000

  - 300W Monocrystalline Solar Panel × 1

- 1.5kVA Hybrid Inverter × 1
- 220Ah Tubular Battery × 1

- Detailed specifications:

  - Daily energy generation: 1.35 kWh

  - Maximum load: 1.2 kW

  - Total storage: 2.64 kWh

  - Storage autonomy: 1.76 days

Footer

- Complete sitemap

- Contact information

- Legal links (Privacy, Data Access, Cookies)

- Social media links

- Copyright notice

🛠️ Customization

Adding New Jobs

Edit `script.js` - the jobs array remains the same as before.

Changing Colors

Edit `styles.css` root variables:

```css
css

:root {
    --primary: #f59e0b;    /* Orange/Amber */
    --secondary: #10b981;  /* Green */
    --dark: #1f2937;       /* Dark gray */
    --light: #f3f4f6;      /* Light gray */
}
```

Updating Contact Info

Edit `index.html` contact section:

- Replace "+234 XXX XXX XXXX" with actual phone

- Update email if different

- Add complete address

Adding More Package Options

In `index.html` services section, duplicate the `.package-card` div and modify:

- Price

- Components

- Specifications

Customizing Team Profiles

Edit the team section in `index.html`:

- Replace placeholder avatars with actual photos

- Update bios with real information

- Add LinkedIn links

💡 Video Optimization Tips

1. **Compress Your Video**:
   - Use HandBrake or similar tool
   - Target: Under 5MB if possible
   - Maintain quality above 720p

2. **Mobile Considerations**:
   - Video auto-hides on slow connections
   - Gradient background shows as fallback
   - Consider different video for mobile

3. **Autoplay Requirements**:
   - Video must be muted to autoplay
   - Current settings: autoplay, muted, loop
   - No user interaction needed

🎛️ Browser Support

- Chrome (latest)

- Firefox (latest)

- Safari (latest)

- Edge (latest)

- Mobile browsers (iOS Safari, Chrome Mobile)

🔒 Legal Pages (To Be Created)

The footer links to three legal pages that you need to create:

1. **Privacy Notice** - How you handle user data

2. **Data Access Request Policy** - GDPR/data request procedures

3. **Cookie Policy** - Cookie usage disclosure

🌍 Currency & Localization

- Currency: Nigerian Naira (₦)

- Target market: Nigerian MSMEs

- Payment partner: Lotus Bank

- Daily installment: ₦2,200

📊 Technical Specifications

- **Pure HTML/CSS/JS**: No frameworks needed

- **Responsive**: Mobile-first design

- **Performance**: Optimized for slow connections

- **Accessibility**: Semantic HTML, ARIA labels

- **SEO**: Proper meta tags and structure

🆘 Troubleshooting

Video Not Playing?

- Check file name is exactly `solar-energy-video.mp4`

- Ensure file is in same folder as index.html

- Try different browser

- Check file format (must be MP4)

Site Not Loading on Mobile?

- Video may be too large

- Compress video or use gradient-only version

- Check mobile data restrictions

Forms Not Working?

- Currently shows alerts only

- Need backend integration for production

- Consider FormSpree, EmailJS, or custom backend

📞 Support

For technical issues or customization help:

- Email: info@enerco-innovations.com

📄 License