

ECO-Friendly Fireworks: The Future of Aerial Shows

Sustainable • Profitable • Technologically Advanced



Adel Ramezani | Automation
Mühlbauer, Germany

The Problem with Traditional Fireworks

- Pollution: Air and noise emissions
- 🔥 Safety Risks: Fire hazards and injuries
- ⚠ Single Use: High cost, no reuse
- Sustainability Pressure: Cities seeking eco alternatives



Our Solution: Drone-Based Aerial Animation Shows

- ♻️ Eco-friendly and reusable
- 💡 Programmable animations synchronized with music
- 💻 Controlled via intelligent choreography software
- ✳️ Visually stunning, customizable for any event

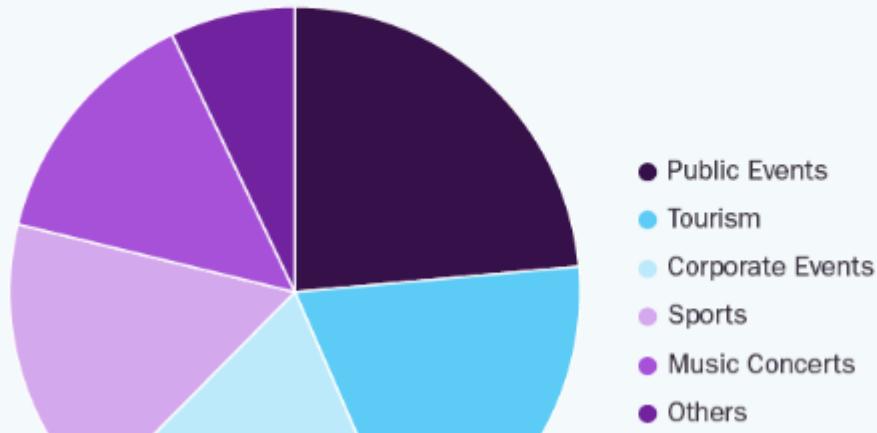


Market Opportunity

- DE Over 2,000 German cities host annual fireworks
- 💡 160-180 national & international trade fairs yearly
- € European drone show market exceeds €100M
- ↗ Strong export potential with 'Made in Germany' quality

Drone Light Show Market

Share, by End-use, 2024 (%)



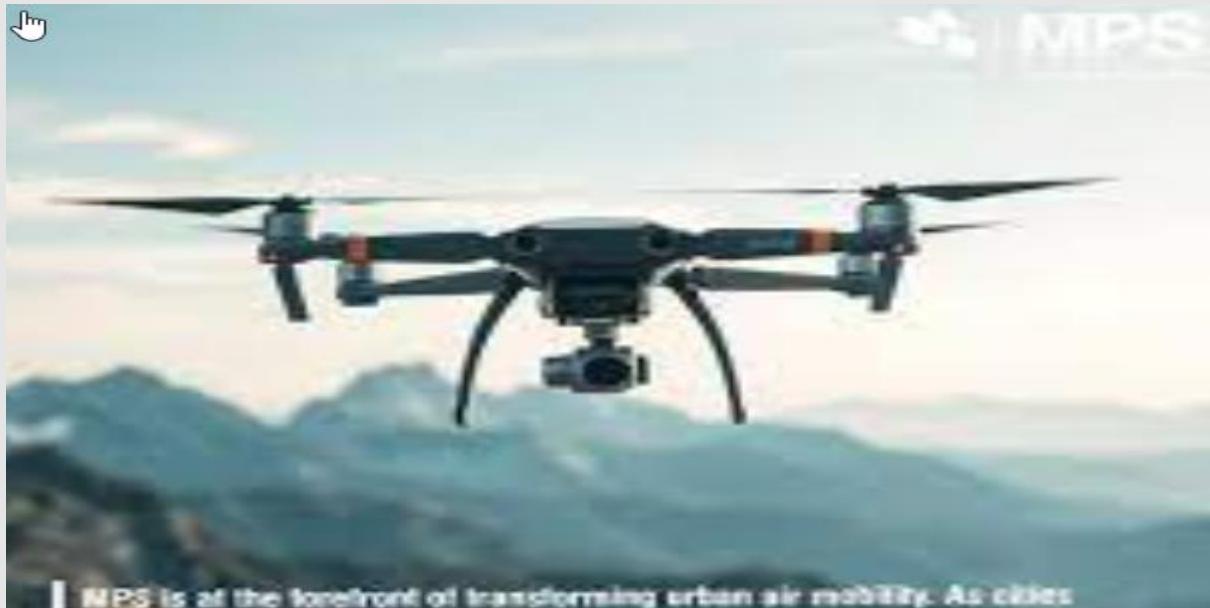
GRAND VIEW RESEARCH

\$1.6B

Global Market Size,
2024

Why Our Company Is the Right Starting Point

- ⌚ Expertise in industrial automation and robotics
 - Skilled engineering & software teams
- 🖨 Existing manufacturing infrastructure
 - Strong supplier and distribution networks



Project Structure

✓ Marketing & Business Development

❑ Drone Choreographing Software

❑ Drone Production Line

All three divisions operate synchronously and support each other.



Implementation Roadmap

Phase 1 (0-6 months): Pilot project with 100 drones

Phase 2 (6-18 months): Develop German-made drone and software

Phase 3 (18-36 months): Scale production and go international

Financial Outlook & ROI

- € Initial Investment: €500k-€1M
- 📊 Revenue Streams: Shows, Software Licensing, Drone Sales
- 📈 Payback Period: 2-3 years
- 🔄 Long-term profitability via reusability & service model



Future Expansion Potential

- 🎥 Cinematography drones
- ❶ Public safety and rescue drones
- 🌾 Agricultural monitoring drones
- 🎁 Logistics & transport drones
 - Educational drones for kids
 - Sell components and accessories



Environmental & Brand Impact

- 🌱 Zero pollution, zero waste
- 🔋 Fully reusable systems
- 🇩🇪 German engineering excellence
- 🌐 Strong sustainability and CSR positioning



Next Steps

- ✓ Approve pilot feasibility study
- Form cross-department task force
 - Partner with one municipality
- █ Define milestones and KPIs

Conclusion

★ Reinventing the Sky – Sustainably ★

Combining German engineering with innovation
for eco-friendly entertainment.

Let's make the future of fireworks – Made in Germany.

