**1. Introduction to JéGO for Smart Cities**

JéGO is revolutionizing clean energy and smart mobility by offering sustainable, efficient, and innovative solutions. JéGO's proposal aims to transform smart cities into models of green energy and smart mobility, thereby enhancing operational efficiency, reducing carbon emissions, and creating a sustainable campus environment.

**1.1 About JéGO**

JéGO is actively building Africa's future through modular energy solutions and AI-driven electric mobility. The company specializes in Renewable Energy Solutions, including solar-powered systems and modular energy storage, and Electric Mobility Solutions, offering autonomous, eco-friendly vehicles. JéGO's ultimate goal is to make clean energy and smart mobility accessible and affordable.

**2. Partnership Overview: JéGO's Solutions for Smart Cities**

JéGO's partnership offers comprehensive clean energy and smart mobility solutions for smart cities.

**2.1 Clean Energy Solutions**

JéGO proposes installing solar systems across various facilities such as residential buildings, sports centers, and shopping complexes to reduce reliance on fossil fuels and electricity costs. They will also deploy JéGO PowerPods to ensure uninterrupted power during peak demand or outages. These solutions are designed with scalable modular energy designs to meet future energy needs.

**2.2 Smart Mobility Solutions**

JéGO plans to deploy AI-powered electric vehicles for seamless smart city transportation.

**JéGO Pods:** Spacious EV shuttles.

* **JéGO Zero & Zero Carbon EVs:** Self-driving electric cars for residents and visitors.
* **JéGO Skipper & Skipper Truck:** Long-range EVs designed for logistics and maintenance.

**2.3 Fleet Management with JéGO X App**

JéGO provides comprehensive fleet management capabilities, including smart booking via the JéGO X app and real-time tracking with automated vehicle maintenance. The backbone of JéGO Pods is a combination of AI and sustainable energy services.

**3. JéGO X: Empowering Smart City Infrastructure**

JéGO X is a comprehensive energy and mobility hub specifically designed to efficiently power smart cities and communities.

**3.1 Key Features of JéGO X**

* **EV Charging Stations:** These are publicly accessible stations that can generate additional revenue. They support EV fleets, residents, visitors, and the broader community.
* **Energy Storage Systems:** JéGO X provides efficient backup power solutions to optimize energy use during off-peak hours and integrates with solar energy systems for maximum reliability.
* **Data-Driven Insights:** The system monitors performance and city-wide energy usage, enabling predictive maintenance and cost optimization.
* **Sustainability Leadership:** JéGO X reduces emissions and noise pollution, aligning smart cities with global green energy goals.

JéGO X transforms Smart Cities into hubs for green innovation and community leadership in sustainability.

**4. Implementation Plan for Smart Cities**

JéGO's implementation plan for smart cities involves three key stages:

* **Assessment & Planning:** This stage includes conducting energy audits and analyzing transportation needs, followed by designing a customized energy and EV strategy.
* **Deployment:** This involves installing solar panels, JéGO PowerPods, and EV charging stations. Electric vehicles will be deployed, and the JéGO X app will be integrated.
* **Monitoring & Expansion:** JéGO will track energy savings and performance, and scale solar capacity and EV fleets as needed.

**5. Benefits of Partnering with JéGO for Smart Cities**

Partnering with JéGO offers significant benefits for smart cities.

**5.1 Smart City Benefits**

* **Smart Mobility & Clean Energy:** JéGO provides autonomous Pods for transporting residents and visitors, distributing clean energy, and enabling on-demand medical transport (patient & pharmaceutical deliveries).
* **Cost & Emission Reduction:** Solar-powered EV charging and modular energy systems reduce costs and emissions.
* **Energy Distribution:** JéGO Pods are capable of delivering energy to homes, businesses, and other locations within the city.
* **Community-Wide Solutions:** The partnership offers EV charging, solar integration, and scalable energy systems for the entire community.

**5.2 Overall Impact**

The partnership leads to a cleaner, smarter, and more connected ecosystem, reducing emissions, unlocking economic potential, and enhancing the quality of life for residents.

**6. Success Stories and Recent Projects**

JéGO has several successful implementations:

* **JéGO X Station at Reiz Continental Hotel, Ikeja, Lagos Nigeria:** Delivered 1.5MWh for hotel backup power and EV charging.
* **Zambia and Liberian Clients:** Deployed 900kWh and 1.6MWh energy storage containers respectively.
* **Retail Customers:** Delivered over 1MWh combined to households and businesses.
* **Operational JéGO X Energy Stations:** Located in Lagos, Benin, Abuja, California, Kigali, and Kampala.

**7. JéGO Products for Smart Cities**

JéGO offers cutting-edge solutions for mobility and power, including:

* JéGO ZeroCarbon EV
* JéGO PowerPod 5 Series
* JéGO PowerPod 5 Series EV Charger

These products are available for pre-order.

**7.1 JéGO POD: Autonomous Transportation**

The JéGO Pod is designed for autonomous transportation for all.

* **Artificial Intelligence:** Smart, adaptive learning for optimized routes.
* **Remote Control Driving:** Features manual intervention capability for added security.
* **Multi-Purpose Vehicle:** Customizable for transport, mobile workspaces, and more.
* **Exceptional Range:** Up to 100 km on a single charge.
* **Seating:** Seats 6+ passengers for comfortable group transport.
* **Fully Autonomous:** Utilizes self-driving technology for seamless operation.
* **Battery Capacity:** 21.5 kWh for high energy efficiency.

**7.2 JéGO ZERO CARBON: Redefining Mobility**

The JéGO Zero Carbon redefines mobility.

* **Design & Power:** A sleek 5-seat unibody design with a 100 kW motor, offering a 505 km range and a 150 km/h top speed.
* **Smart Tech:** Equipped with a 12.8-inch touchscreen, OTA updates, voice control, in-car Wi-Fi, and Bluetooth keyless entry.
* **Safety First:** Includes ABS, ESC, 360° imaging, multiple airbags, and hill-assist systems for comprehensive peace of mind.
* **Seating:** Seats up to 5 passengers.
* **Efficient Charging:** Fast-charges 30%-80% in 30 minutes, powered by a 51.5 kWh liquid-cooled battery.
* **Comfort & Style:** Features adjustable PU leather seats, rear air vents, and PM2.5 air filtration.
* **Eco-Friendly:** Offers Vehicle-to-Load (V2L) capability for external power sharing.

**7.3 JéGO ZERO: Eco-Speed for the Next Generation**

The JéGO Zero provides eco-speed for the next generation.

* **Exceptional Range:** Up to 420km.
* **Spacious Seating:** For up to 5 passengers.
* **Trunk Space:** Ample trunk space for all gear.
* **AI Assisted Driving:** For enhanced efficiency on African roads.
* **Panoramic Ceiling:** For a brighter, airy feel.
* **Battery Capacity:** 53.4kWh-71.05kWh.

**7.4 JéGO FLO: Compact and Swift Transportation**

The JéGO Flo offers compact and swift transportation for everyone.

* **Body Size:** 3500mm(L)×1500mm(W)×1540mm(H).
* **Wheelbase:** 2345mm.
* **Max Speed:** 100km/h.
* **Battery Type:** Lithium Iron Phosphate.
* **Battery Capacity:** 15.3kWh & 26.3kWh.
* **Driving Range:** Available in 170KM & 260KM.
* **Seating:** Seats 4-5 people.

**7.5 JéGO SKIPPER: Powering Group Journeys**

The JéGO Skipper powers group journeys with ease.

* **Dual Tablet Screens:** For enhanced control and navigation.
* **Exceptional Range:** Up to 250km.
* **Seating/Cargo:** Seats up to 9 passengers or offers cargo options.
* **AI Assisted Driving:** For enhanced efficiency on African roads.
* **Battery Capacity:** 22kW−30kW.

**7.6 JéGO SKIPPER TRUCK: Powering Group Journeys with Ease**

The JéGO Skipper Truck powers group journeys with ease.

* **Dual Tablet Screens:** For enhanced control and navigation.
* **Exceptional Range:** Up to 250km.
* **Seating:** Seats up to 5 passengers.
* **AI Assisted Driving:** For enhanced efficiency for African roads.
* **Battery Capacity:** 22kW−30kW.

**8. Conclusion: Powering Smart Cities into a Sustainable Tomorrow**

JéGO is poised to revolutionize the mobility and clean energy landscape with a visionary approach leveraging self-driving technology, sustainability, and seamless customer experiences. JéGO invites smart cities to join in leading the future of clean energy and smart mobility.

The collaboration aims to:

* Reduce energy costs and carbon emissions.
* Improve smart city mobility and operational efficiency.
* Create a safer, smarter, and greener living environment.

JéGO's motto is "Welcome to Freedom".

**9. Contact Information**

* **Website:** [www.jegopods.com](https://www.jegopods.com)
* **Email:** hello@jegopods.com
* **YouTube:** JéGO Pods
* **Instagram:** @jegotechnologies
* **LinkedIn:** JéGO Technologies

**Document 3: JéGO for Steyn City: Sustainable Energy and Autonomous Transportation**

**1. Introduction to JéGO and Steyn City Partnership**

JéGO drives progress through modular energy and innovation, offering sustainable electricity generation solutions for homes and businesses, alongside the design and development of autonomous EV transportation systems for Africa. JéGO is eager to collaborate with Steyn City to cultivate a sustainable and futuristic community. The proposal outlines how JéGO's solar energy systems and autonomous vehicle pods can enhance Steyn City's reputation as a luxury lifestyle estate and improve its environmental footprint.

**2. JéGO Solutions for Steyn City**

JéGO is committed to transforming the future with sustainable and accessible energy and transportation solutions.

**2.1 Energy Solutions**

* **JéGO Solar Energy System:**
  + **Residential:** JéGO will provide customized solar system installations for individual homes, aiming to reduce reliance on grid power, lower energy costs, and decrease emissions.
  + **Commercial:** Large-scale solar power plants will be provided to supply energy to common areas, clubhouses, Steyn City school, and other facilities within the city.
* **Energy Storage:** Implementation of battery storage solutions will optimize energy usage, particularly during peak demand or grid outages.
* **JéGO X Station:** Development of a JéGO X Station will offer EV charging and EV servicing for residents and visitors of Steyn City, serving as an income generation opportunity for the city.

**2.2 Transportation Solutions**

* **Autonomous Vehicles and JéGO Pods:** JéGO offers a fleet of electric, autonomous pods for internal transportation within Steyn City.
* **Reduced Carbon Footprint:** These vehicles align with Steyn City's sustainable philosophy by offering a 100% reduction in carbon emissions compared to traditional vehicles.
* **Enhanced Resident Experience:** JéGO transport solutions provide a convenient, efficient, and luxurious transportation option for residents.
* **Customizable Experience:** JéGO's autonomous pods can be tailored to provide various services within Steyn City, including luxury transportation, food delivery, security patrols, and mobile retail experiences, thereby enhancing the overall resident experience.

**3. Collaborative Growth & Benefits for Steyn City**

JéGO will collaborate closely with Steyn City to scale these initiatives, ensuring long-term sustainability and profitability.

**3.1 Benefits of Partnering with JéGO**

By partnering with JéGO, Steyn City will:

* **Enhance Customer Experience:** Residents and visitors will enjoy the benefits of sustainable and innovative energy solutions.
* **Strengthen Sustainability Reputation:** Steyn City will be positioned as a global leader in sustainable luxury living.
* **Attract Eco-Conscious Residents:** The partnership will appeal to a growing market of individuals seeking sustainable lifestyles.
* **Leverage Government Incentives:** Steyn City can take advantage of subsidies and tax breaks for renewable energy and electric vehicles.

**4. Sustainability Metrics**

JéGO is committed to transforming the future with sustainable and accessible solutions.

* **CO2 Reduction:** Steyn City can cut up to 752 tons of potential CO2 emissions by using JéGO's clean and efficient energy solutions.
* **Energy Cost Savings:** Steyn City and its residents can save thousands of dollars in potential electricity costs through JéGO's sustainable energy solutions.

**5. Success Stories and Recent Projects**

JéGO has a track record of successful projects:

* **Zambia and Liberian Clients:** Deployed 900kWh and 1.6MWh energy storage containers respectively.
* **Retail Customers:** Delivered over 1MWh combined to households and businesses.
* **Operational JéGO X Energy Stations:** Located in California, Kigali, and Kampala.
* **Luxury Hotel Implementation:** Currently implementing a JéGO X station in a luxury hotel in Ikeja, Lagos, Nigeria.

**6. JéGO Vehicle Offerings for Steyn City**

JéGO provides a range of vehicles suitable for Steyn City.

**6.1 JéGO POD: Autonomous Transportation**

The JéGO Pod offers autonomous transportation for all.

* **Artificial Intelligence:** Features smart, adaptive learning for optimized routes.
* **Remote Control Driving:** Includes manual intervention capability for added security.
* **Multi-Purpose Vehicle:** Customizable for transport, mobile workspaces, and more.
* **Exceptional Range:** Up to 100 km on a single charge.
* **Seating:** Seats 6+ passengers for comfortable group transport.
* **Fully Autonomous:** Utilizes self-driving technology for seamless operation.
* **Battery Capacity:** 21.5 kWh for high energy efficiency.

**6.2 JéGO ZERO CARBON: Redefining Mobility**

The JéGO Zero Carbon redefines mobility.

* **Design & Power:** A sleek 5-seat unibody with a 100 kW motor, 505 km range, and 150 km/h top speed.
* **Smart Tech:** Equipped with a 12.8-inch touchscreen, OTA updates, voice control, in-car Wi-Fi, and Bluetooth keyless entry.
* **Safety First:** Includes ABS, ESC, 360° imaging, multiple airbags, and hill-assist systems for comprehensive peace of mind.
* **Seating:** Seats up to 5 passengers or offers cargo options.
* **Efficient Charging:** Fast-charges 30%-80% in 30 minutes; powered by a 51.5 kWh liquid-cooled battery.
* **Comfort & Style:** Features adjustable PU leather seats, rear air vents, and PM2.5 air filtration.
* **Eco-Friendly:** Offers Vehicle-to-Load (V2L) capability for external power sharing.

**6.3 JéGO ZERO.8: Eco-Speed for the Next Generation**

The JéGO Zero.8 provides eco-speed for the next generation.

* **Exceptional Range:** Up to 420km.
* **Spacious Seating:** For up to 5 passengers.
* **Trunk Space:** Ample trunk space for all your gear.
* **AI Assisted Driving:** For enhanced efficiency for African roads.
* **Panoramic Ceiling:** For a brighter, airy feel.
* **Battery Capacity:** 53.4kwh-71.05kwh.

**6.4 JéGO FLO 2.0: Compact and Swift Transportation**

The JéGO Flo 2.0 offers compact and swift transportation for everyone.

* **Body Size:** 3500mm(L)×1500mm(W)×1540mm(H).
* **Wheelbase:** 2345mm.
* **Max Speed:** 100km/h.
* **Battery Type:** Lithium Iron Phosphate.
* **Battery Capacity:** 15.3kWh & 26.3kWh.
* **Driving Range:** Available in 170KM & 260KM.
* **Seating:** Seats 4-5 people.

**6.5 JéGO SKIPPER: Powering Group Journeys**

The JéGO Skipper powers group journeys with ease.

* **Dual Tablet Screens:** For enhanced control and navigation.
* **Exceptional Range:** Up to 250km.
* **Seating/Cargo:** Seats up to 9 passengers or offers cargo options.
* **AI Assisted Driving:** For enhanced efficiency for African roads.
* **Battery Capacity:** 22kW−30kW.

**6.6 JéGO SKIPPER TRUCK: Powering Group Journeys with Ease**

The JéGO Skipper Truck powers group journeys with ease.

* **Dual Tablet Screens:** For enhanced control and navigation.
* **Exceptional Range:** Up to 250km.
* **Seating:** Seats up to 5 passengers.
* **AI Assisted Driving:** For enhanced efficiency for African roads.
* **Battery Capacity:** 22kW−30kW.

**7. JéGO Energy Solutions for Steyn City (Detailed Specifications)**

JéGO offers several energy storage solutions to power homes and offices with ease.

**7.1 JA051 Stackable 5KWH Energy Storage + 5KW Inverter**

* **Nominal Voltage:** 51.2V
* **Nominal Capacity:** 100Ah at 0.2C
* **Energy:** 5.12KWH
* **Internal Resistance:** ≤180mΩ at AC1KHz
* **Limited Charge Voltage:** 58.4V Max
* **Working Voltage:** 44.8~58.4V
* **Max Charging Current:** 100A
* **Discharge Cut-off Voltage:** 44.8V
* **Standard Discharge Current:** 20A
* **Max Discharge Current:** 100A
* **Connection Method:** 16S1P
* **Cell Model:** 3.2V 100Ah
* **Housing Material:** Cold rolled steel plate
* **Protection Level:** IP51
* **Cooling Method:** Natural Cooling
* **Battery Dimension:** 610mm×440mm×505mm±3mm
* **Battery Weight:** 79.9Kg (not including installation components)

**7.2 JA151 Stackable 15KWH Energy Storage + 10KW Inverter**

* **Nominal Voltage:** 51.2V
* **Nominal Capacity:** 300Ah at 0.2C
* **Energy:** 15.36KWH
* **Internal Resistance:** ≤180mΩ at AC1KHz
* **Limited Charge Voltage:** 58.4V Max
* **Working Voltage:** 44.8~58.4V
* **Max Charging Current:** 150A
* **Discharge Cut-off Voltage:** 44.8V
* **Standard Discharge Current:** 60A
* **Max Discharge Current:** 300A
* **Connection Method:** 16S3P
* **Cell Model:** 3.2V 100Ah
* **Housing Material:** Cold rolled steel plate
* **Protection Level:** IP51
* **Cooling Method:** Natural Cooling
* **Battery Dimension:** 610mm×440mm×825mm±3mm
* **Battery Weight:** 181Kg (not including installation components)

**7.3 JéGO powerPOD® V2L Discharge Adapter (max 3.3kW)**

This adapter allows an electric car to be used as a power source.

* **Bi-Directional Charging:** Charge devices directly from an EV's Type 2 port, up to 3.3kW.
* **Compatibility:** Works with all major EV brands supporting V2L (vehicle to load). It can be used with JéGO EVs and other existing brands like Kia, Hyundai, BYD, MG, and more, by adjusting resistance.
* **Portable & Robust:** Built for durability and easy transport, made from aluminum alloy and polycarbonate.

**7.4 JéGO Portable EV Charger 5-Series (Hybrid Energy Storage with 7kW EV Charger)**

This product combines hybrid energy storage with a 7kW EV charger.

**7.5 JéGO 500KW 1MWh Solar Energy Storage System**

This is a super energy storage system for industries and communities.

* **Inverter:** 500KW
* **Phase:** Three phase: 380V
* **Measurement:** 40'HC container
* **Battery Capacity:** 1MWh
* **Rated Output:** 500kW
* **Type:** LiFePO4
* **On/Off Grid:** 380V-450V
* **AC Output:** 380V/50Hz, 500kW
* **Weight:** 3 tons
* **Solar Panel Input Voltage:** 500kW

**8. Conclusion: Elevate Steyn City's Sustainable Future Today**

JéGO offers the future of sustainable luxury living. The innovative solar energy solutions and autonomous vehicle pods are designed to enhance residents' experience and elevate Steyn City's global reputation.

To take the next step toward a more sustainable and luxurious future:

* Explore solutions: Visit [www.jegopods.com](https://www.jegopods.com).
* Connect with the team: Schedule a meeting to discuss specific needs.
* Experience the future: Work together to transform Steyn City.

**9. Contact Information**

* **Email:** hello@jegopods.com
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* **Instagram:** @jegotechnologies
* **LinkedIn:** JéGO Technologies