MultiKnip and IOTA: Money With a Mission

Redefining the way money drives purpose, value, and impact.
Introducing MultiKnip: Storing and Sharing Purpose-Bound Tokens

Building on the highly successful EnergieKnip project, MultiKnip is an advanced wallet using IOTA technology, designed to hold several types of purpose-bound tokens. It supports governments, corporations, and organizations to efficiently distribute subsidies, grants, and budgets for specific goals.

Imagine a world where social initiatives are effortlessly incentivized, and local economies flourish through sustainable behaviors.
The Power of Purpose-Bound Tokens

Purpose-bound tokens are a tool for driving positive change and impact.

They incentivize, reward, and assist individuals or communities in achieving targeted goals.

Benefits include:
- Stimulating local economies
- Reducing administrative burdens
- Preventing misuse and fraud
- Accelerating payments to retailers

Purpose-bound tokens empower individuals and organizations to contribute to social, economic, and environmental objectives effectively.
Evolution from EnergieKnip to MultiKnip

MultiKnip represents a significant evolution from the highly successful EnergieKnip project.

EnergieKnip, launched in 2022, aimed to make domestic houses in Emmen, The Netherlands, more energy-efficient.

The project provided purpose-bound tokens to residents, which could be used to purchase energy-saving devices in local stores.

With 50,000 wallets distributed to 108,000 residents, EnergieKnip effectively lowered energy bills and promoted sustainability.

The project expanded to Parkstad Limburg, distributing six million euros in relief funds to 20,000 families affected by rising natural gas prices.
IOTA in MultiKnip

MultiKnip harnesses the power of IOTA technology to enable secure, feeless transactions and efficient management of purpose-bound tokens.

By leveraging IOTA's Tangle network, MultiKnip ensures:

- Transparency
- Scalability
- Eco-friendly transactions
IOTA offers feeless transactions, scalability, and enhanced security, providing the foundation for MultiKnip's purpose-bound token ecosystem.

**Feeless transactions**
Eliminate the barrier of transaction costs, ensuring that users can exchange purpose-bound tokens within MultiKnip without incurring fees.

**IOTA's scalable architecture** enables MultiKnip to accommodate a growing user base and an increasing volume of transactions, ensuring seamless functionality and widespread adoption.

**IOTA's Tangle network** offers enhanced security for users' assets and sensitive information, thereby fostering trust and confidence in the platform.

**IOTA's efficient consensus mechanism** allows MultiKnip to process transactions quickly and reliably, facilitating timely distribution of tokens.
Potential Use Cases

Energy Efficiency
Tokens for promoting energy-saving measures and sustainability.

Health Promotion
Tokens for incentivizing healthy lifestyle choices and wellness activities.

Community Integration
Tokens for encouraging social interactions and cultural exchange.

Sustainable Food Purchases
Tokens for supporting local, organic, and eco-friendly food purchases.
Current Use Case: Groningen Werkt Slim

Groningen City has used MultiKnip to issue €300 worth of tokens to small and medium-sized enterprises for enhancing energy efficiency through services such as "energy-fixers" and self-service at local hardware stores. The platform anticipates further expansion to support tokens for installing green roofs and electric vehicle charging stations.

With the Energy Saving SME subsidy users receive €300 that can be spent on purchasing energy-saving products or services at regional hardware stores and energy fixers. The money is paid out as ‘digital money’ in the Groningen Werkt Slim app.
Bridging Virtual and Physical Worlds

**QR Code System:** Unique QR codes are generated by IoT Nederland on behalf of an organization or local municipality, which distributes them to their target audience.

The QR code directs them to download the MultiKnip Wallet app, which can send tokens, messages and rewards based on transactions. Municipalities and organizations can also pay to develop their own unique MultiKnip app; otherwise, a standardized version is offered to all participants.

In the app, users scan the QR code again to access their unique tokens. The QR codes have unique designs for different municipalities and retailers, which are then scanned using the app to initiate transactions.

In the wallet are pre-loaded tokens for various purposes, such as encouraging purchases of organic goods at local markets.

The wallet also serves as a cash register for retailers. Retailers can generate QR codes for transactions, while users scan these codes to authorize payments.

Participating retailers are compensated in fiat money by the municipality or organization; this process also takes place through the MultiKnip app.
What’s Next?

MultiKnip continues to innovate and expand its offerings, with future developments focused on enhancing user experience, adding new features, and forging partnerships.

By embracing IOTA technology, MultiKnip remains at the forefront of revolutionizing purposeful spending and driving positive global impact.

Find out more about MultiKnip at:

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About Us

Founded in 2015, IOTA is a public goods infrastructure to bring trust in our digital world. Through IOTA, governments, organizations and people are able to interact with each other in a secure, trusted and verifiable way.

IOTA is one of the most established blockchain projects in the world and is primarily driven by a global ecosystem of non-profit organizations.

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