

## **Bridging The Credit Gap: Ocen's Blueprint for Inclusive Digital Lending Ecosystem**

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### **ABSTRACT:**

Access to credit continues to be a major hurdle for micro to mid-size commercial ventures, gig economy workers, and low-income groups in India. Despite multiple financial sector reforms, traditional lending systems often fail to serve these groups effectively, constrained by high operational costs, fragmented information flows, and insufficient credit histories. The Open Credit Enablement Network (OCEN) represents a new digital infrastructure aimed at improving access to small-ticket, cash-flow-based loans through secure, standardized APIs.

This paper investigates the architecture and operational dynamics of OCEN, highlighting how it bridges gaps between borrowers and lenders by simplifying processes such as loan discovery, credit assessment, and repayment. A qualitative methodology underpins the analysis, incorporating insights from ecosystem studies, policy reviews, and institutional frameworks. The study emphasizes OCEN's use of tools like Account Aggregators and consent-driven data sharing to enhance credit evaluations and foster decentralized credit histories.

Findings indicate that OCEN could significantly expand financial inclusion while reducing barriers for traditional and new-age lenders. Nonetheless, the research points to challenges around regulatory clarity, data protection, and the need for a resilient digital ecosystem. The paper offers practical recommendations to enhance OCEN's impact, positioning it as a crucial element of India's evolving digital financial landscape.

**KEYWORDS:** Credit Access, Financial Inclusion, Digital Lending, OCEN, MSMEs, India Stack, API Infrastructure, Public Credit Systems

### **INTRODUCTION: ASSESSING THE CREDIT GAP**

Credit access is indispensable for growth, innovation, and economic prosperity in a developing nation. In a country like India, with its large population, there exists a significant credit gap of over 20-25 trillion for MSMEs and gig workers (PIB, 2023), highlighting the fact that fewer than 11% of MSMEs have accessibility to formal credit. (Ispirt, 2023) Beyond praise is the fact that the MSME sector generated 111 million work opportunities and gainfully employed 36 million individuals in manufacturing across the country. ((NSS), 2015-16) The total % Share of exports attributed to MSME products out of India's total exports is 45.56 % in 2023-24 (GDP, DEC 2023) Simultaneously, India's gig economy has been expanding at a notable pace. During 2020–21, it was estimated that nearly 7.7 million individuals were engaged in gig-based employment. This figure is expected to rise significantly, reaching approximately 23.5 million by 2029–30—representing 6.7% of the country's non-agricultural workforce and 4.1% of the overall labour force. (NITI, 2022) MSMEs are instrumental in fostering inclusive development and narrowing financial disparities by generating employment, particularly in underserved rural areas. (Bag, 2023) Therefore to increase the competitiveness of MSME, petty and gig workers importance should be given to innovation, sustainability, networks and information knowledge management. (Gustavo Dambiski Gomes de Carvalho, 2021)

## **BARRIER TO DIGITAL CREDIT ACCESS**

Accessing formal credit remains a major challenge for micro and small enterprises, as well as gig workers, in contrast to salaried individuals who more easily qualify for credit options like credit cards or BNPL services. In India, credit card ownership is limited, only about 10% of the population holds one, mainly due to strict eligibility norms that favor those with stable, long-term salaried income. Consequently, a large portion of informal and self-employed workers are excluded from the formal credit system, despite being the ones in greater need of financial support. This underscores the limitations of the current financial system in availing credit to those who need it most. The current lending system's unit economics are inefficient and fail to meet the needs of both borrowers and lenders. The impediments in the current system ranges from limited access to formal financial institutions, complex application process, lack of credit history and stricter lending norms set by traditional financial institutions. This adversely impacts their profitability. To improve credit accessibility for underserved populations and MSMEs, the Indian government has launched multiple initiatives. However, the effectiveness of these efforts often hinges on contextual factors such as a country's level of financial innovation, existing poverty dynamics, and regulatory maturity (Ozili, 2020). In India, the shift toward digital finance is clearly reflected in the MSME sector, where digital transactions represented 97.67% of the total transaction value and 88.64% by volume in 2022–23 (GOI, 2022–23). In parallel, strengthening the global competitiveness of MSMEs requires a focus on innovation, sustainable practices, and cross-sectoral knowledge-sharing (Carvalho et al., 2021). Over the past decade, India's fintech transformation—enabled by public digital infrastructure such as UPI, ONDC, and OCEN—has addressed many of these longstanding challenges. As highlighted in the Economic Survey 2023, such developments are instrumental in driving India toward its goal of becoming a \$1 trillion digital economy by 2025. (Sengupta, 2025).

## **LAUNCHING OF OCEN**

The Open Credit Enablement Network was introduced during the Global Fintech Festival held in 2020. (OCEN) was developed to simplify digital lending and extend credit access to MSMEs and underserved groups (Sengupta, 2025; RBI, 2024). As part of India's digital infrastructure agenda, OCEN provides a standardized, API-driven framework to streamline credit delivery and overcome limitations of conventional lending (Ispirt, 2023; Verma, 2023). By enabling small, short-term loans, it supports scalable credit models for last-mile borrowers. Initiatives like GeM SAHAY exemplify OCEN in practice, connecting diverse stakeholders into a fintech-enabled credit network. Historically, short-term loans were viewed as unviable due to high servicing costs. However, new models challenge this view. For example, only 14.8% of MSMEs qualify for traditional loans requiring three years of consistent records, excluding the majority from formal credit access.

*Table 1 - Traditional Lending Vs OCEN Lending*

	<b>Traditional Lending</b>	<b>OCEN Lending</b>
<b>Credit Assessment</b>	Credit Assessment is based on balance sheet	Credit Assessment is based on business cash flow.
<b>Ideology</b>	Based on lend and forget ideology for assessment	Based on lend, monitor and collect ideology for assessment.
<b>Document collection</b>	Manual document collection and verification process	End to end digital documentation and verification.
<b>Data collection</b>	Legacy system with less focus on data collection.	Contemporary system with more emphasis on data collection.
<b>Loan offerings type</b>	Similar loan offerings to all.	Wide range of loan ticket sizes and tenures based on individual needs.

<b>Size of loan</b>	Importance given to high ticket size of loan	Importance given to small and all ticket size of all
<b>Time taken</b>	High lead time with physical document verification process.	End to end digital process with least turnaround time.

OCEN addresses the persistent credit gap faced by micro and small enterprises by enabling short-term working capital loans essential for managing cash cycles. Traditionally, lenders were hesitant to offer such credit due to high operational costs—spanning customer acquisition, processing, and collections—which reduced profitability. OCEN’s framework mitigates these barriers, benefiting both borrowers and lenders, and contributing significantly to India’s financial inclusion goals. This study adopts an exploratory approach, combining conceptual and descriptive methods to examine OCEN’s role in reshaping digital lending. It primarily focuses on OCEN’s design, its potential to improve short term credit access to MSMEs, gig workers, and its synergy with India’s digital commerce platforms.

### OBJECTIVES OF THE STUDY

- To understand the digital credit intermediary role and contribution of OCEN for MSMEs.
- To assess how OCEN contributes to closing the credit gap for MSMEs while fostering a connected and inclusive digital lending ecosystem.
- To explore the scalability and impact of OCEN in improving lending efficiency, lowering costs, and delivering value to lenders, borrowers, and financial institutions alike.
- To identify challenges and limitations in the adoption and scalability of OCEN

### WHAT IS OCEN?

OCEN, developed by iSPIRT—the organization behind foundational digital infrastructure like Aadhaar and UPI—aims to make credit more accessible for small businesses and vendors across India (Rahulrai, 2023). It allows platforms and marketplaces to connect with banks and NBFCs, digitizing every step of the lending process including origination, underwriting, and servicing.

As an open digital framework, OCEN uses standardized APIs to pull consent-based data from financial information providers and share it with lenders, enabling faster, data-driven credit decisions. The consent flow is managed through Account Aggregators, under the Data Empowerment and Protection Architecture (DEPA) (Yellapantula & Miriyala, 2023). Functioning as a decentralized system, OCEN standardizes interactions between borrowers, lenders, and loan service providers, and is a part of the broader India Stack—an ecosystem of open APIs that powers digital services across sectors.

In line with the government’s emphasis on improving MSME credit access, OCEN has enabled the launch of cash-flow-based lending platforms like GeM Sahay and GST Sahay. GeM Sahay provides short-term unsecured loans to sellers on the Government e-Marketplace and, as of May 2024, had over 1.52 lakh downloads, with loans worth ₹23 crore approved through partnerships with four banks and seven NBFCs (FICCI, 2024). GST Sahay, developed under the RBI’s Regulatory Sandbox, uses OCEN and Account Aggregator frameworks to deliver real-time, contactless credit to micro enterprises (RBI, 2024).

These innovations underscore OCEN’s role in reshaping MSME lending by reducing operational costs and expanding reach. As the ecosystem grows, especially through efficient intermediary partners, affordable credit is becoming more accessible to underserved and remote borrowers, furthering India’s financial inclusion goals.

**Table 2 - OCEN Ecosystem – Key Highlights**

<b>Metric</b>	<b>Jan 2025</b>	<b>Feb 2025</b>
<b>No. of Lenders Live on OCEN</b>	7	7
<b>No. of Borrower Agents Live</b>	6	6
<b>No. of Technology Service Providers (TSPs) with active deployment</b>	2	3
<b>No. of Loan Products</b>	11	11
<b>No. of Loans Disbursed</b>	895	1567
<b>Disbursement Amount</b>	₹25.17 Crore	₹33.67 Crore
<b>Average Loan Ticket Size</b>	₹2.81 Lakh	₹2.14 Lakh

(OCEN, 2023)

The comparison of key indicators from January to February 2025 points to growing momentum in the OCEN ecosystem. Although the number of active lenders and borrower agents remained steady, the rise in participating Technology Service Providers (from 2 to 3) reflects a gradual strengthening of the digital infrastructure. A substantial jump in loan volumes—going from 895 to 1,567—demonstrates increased platform utilization and broader outreach.

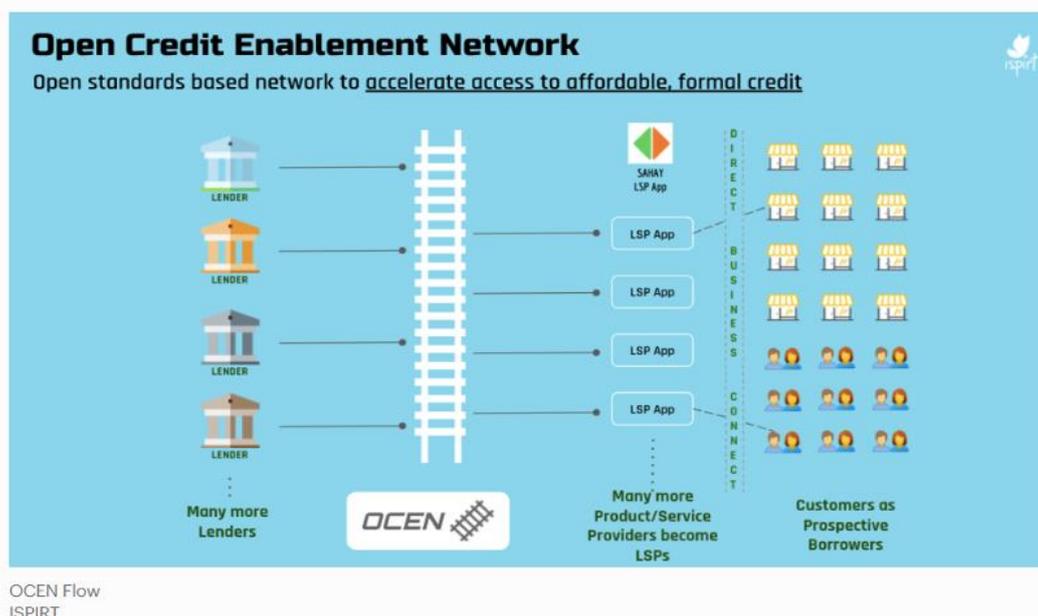
The disbursed loan value also climbed, moving from ₹25.17 crore to ₹33.67 crore, indicating greater credit flow through OCEN-enabled channels. Interestingly, the average loan size dropped from ₹2.81 lakh to ₹2.14 lakh, suggesting a shift in focus toward smaller-ticket loans, likely aimed at supporting micro or small businesses. This development highlights a trend toward financial inclusion, as more modest borrowers gain access to formal credit. Collectively, these shifts signal a positive direction for OCEN, as it continues to gain traction and expand its reach within the credit ecosystem.

### **HOW DOES OCEN WORK?**

OCEN is a unified digital protocol that standardizes API-based credit interactions, aiming to simplify and expand access to affordable formal credit across the lending ecosystem. It creates efficient connections between lenders, borrowers (Focusing specifically on small borrowers who have achieved success.) technology service providers (TSPs) and loan agents (LAs). The framework enables loan agents to seamlessly integrate financing options for their customers.

Borrowers benefit by accessing competitive Customized credit solutions through the applications they use most. For lenders, OCEN significantly reduces cost of customer acquisition while expanding their potential customer base and improving borrower monitoring capabilities through loan agents. By connecting banks, NBFCs, loan agents, and technology providers, OCEN facilitates the development of innovative, customer-centric financial products tailored to diverse needs. The framework's ultimate goal is to reduce expenses across the entire lending process—from acquisition and underwriting to processing, disbursement, and regulatory compliance. (RBI, Digitalisation and Financial Innovation, 2024)

**Figure 1- OPEN CREDIT ENABLEMENT NETWORK**



Source: OCEN flow ISPIRT

At its core, OCEN connects multiple lenders—such as banks and financial institutions—with individuals and businesses seeking credit, using a range of Loan Service Provider (LSP) apps as intermediaries. These LSPs act as bridges, allowing various customer-facing platforms, like small business service providers or digital apps, to assist users in applying for loans directly. This structure enables many different types of service providers to function as LSPs, making it easier for borrowers—particularly small business owners and individual users—to explore loan options without dealing directly with banks. By standardizing this process through digital rails, OCEN reduces complexity, increases reach, and helps deliver credit more efficiently to underserved segments of the population.

**ECOSYSTEM PARTICIPANTS:**

**Lender:** Lenders are the regulated entities responsible for creating and owning credit products. They collaborate with other participants in the Product Network to provide services to Borrowers. The Loan-agent assesses the borrower's credit needs and collaborates with lenders to design the product.

**Borrowers:** These include individuals or medium, small and micro enterprises (MSMEs) seeking access to credit for diverse financial needs.

**Loan Agent:** The Loan Agent model represents a departure from the traditional Direct Sourcing Agent (DSA) system by prioritizing the borrower's needs. Acting on behalf of borrowers, Loan Agents promote transparency, clarify borrower rights, and guide them through various credit choices and pricing structures. They aim to improve access to affordable, formal loans and collaborate with lenders to create borrower-centric financial products. At a basic level, they operate as digital platforms where borrowers can compare loan options, while more advanced models function like financial advisors, helping users secure the best possible loan terms.

**Borrowers Agents: (BAs)** play a crucial role in making the lending process more effective and scalable, with some models showing up to 2.2 times boost in revenue. By taking on various tasks that were earlier handled by lenders—such as collecting and organizing data, managing repayments, handling escrow operations, and distributing financial products—they help cut down on operational costs and improve accountability. This bundled approach allows credit to reach borrowers in distant

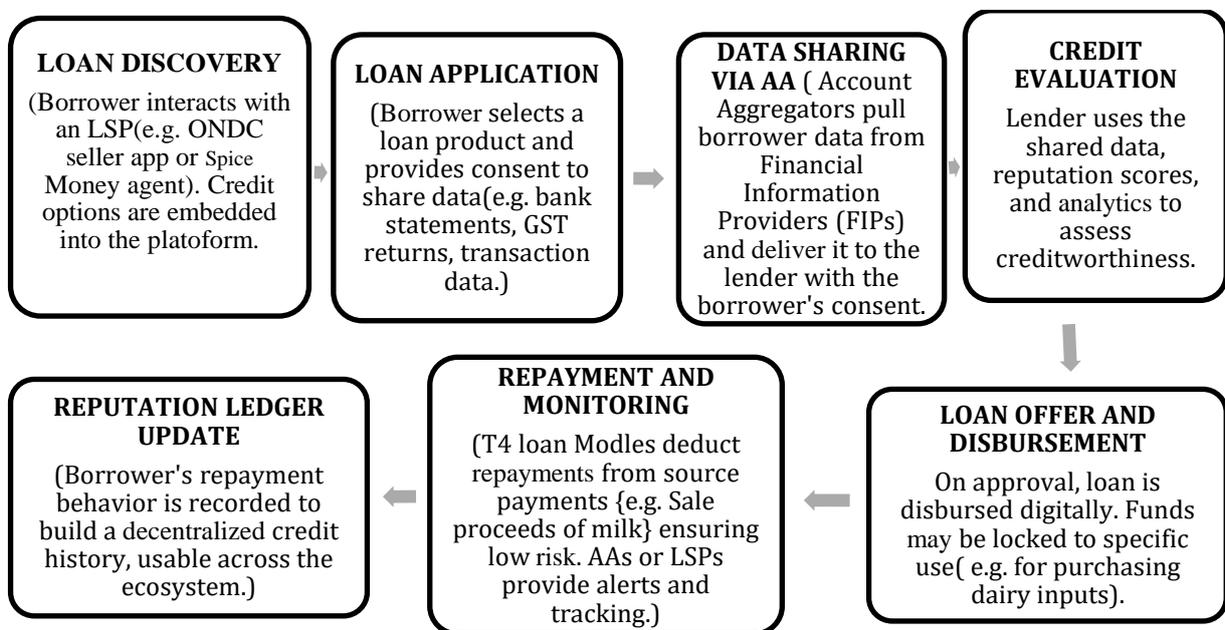
and underserved regions at a much lower cost. As a result, BAs have become a key enabler in building an inclusive and efficient open lending network.

**Derived Data Partner (DDP):** A Derived Data Partner is a participant in the network that supplies supplementary data to the lender, helping to improve their underwriting process with additional insights.

**Collections Partner (CP):** A Collections Partner is a designated partner chosen by the Loan Agent to assist in the loan recovery process. The lender can either opt for the services of the Collections Partner or continue using their own methods for recovery.

**Disbursement Partner (DP):** A Disbursement Partner supports Purpose Controlled products. This partner is responsible for integrating with suppliers, retrieving their catalogs, and enabling direct payments to suppliers as part of the OCEN process.

**KYC Partner:** A KYC Partner is a participant in the network, appointed by the Loan Agent, to deliver Know Your Customer (KYC) services through assisted channels or digital solutions. Lenders may choose to leverage the KYC Partner's services or continue using their own established procedures.



**Figure1- END TO END LOAN LIFE CYCLE IN THE OCEN FRAMEWORK**

**LENDING JOURNEY**

- **Credit Request and Evaluation:** In the first stage of credit enablement within the OCEN framework integrated with ONDC, micro, small, and medium enterprises (MSMEs), including Kirana stores, initiate loan applications through an OCEN-enabled digital interface. Once the borrower consents to data sharing, the OCEN Gateway facilitates the secure transmission of their financial information to prospective lenders. This financial profile may include transaction histories, Goods and Services Tax (GST) records, platform-based reputation metrics, and other derived indicators of creditworthiness. Lenders then evaluate this data to determine the borrower's risk profile. Upon approval, loans are disbursed digitally, with disbursement linked directly to the intended purpose. The use of ONDC's embedded payment systems ensures that these funds are routed appropriately, often directly to vendors, thereby enhancing transparency and control.
- **Credit Assessment and Loan Disbursal-**The integration of the Open Credit Enablement Network (OCEN) with the Open Network for Digital Commerce (ONDC) has transformed how small businesses access formal credit by introducing a secure, consent-driven, and data-centric lending

process. Through OCEN-enabled platforms, MSMEs and local retailers can apply for loans by allowing their financial data—such as bank statements, GST returns, and transaction histories—to be securely shared with lenders via the Account Aggregator (AA) framework. This standardized infrastructure supports real-time credit evaluations using both conventional financial metrics and alternative indicators like digital reputation scores. Lenders, which include banks, NBFCs, and fintechs, assess the data through OCEN’s APIs, often incorporating pre-check mechanisms like credit guarantee schemes (e.g., CGTMSE) to manage risk. Once approved, the disbursement of loans is entirely digital, ensuring traceability and adherence to the intended use of funds. In many cases, funds are directly transferred to vendors or suppliers—especially in supply chain contexts—to maintain purpose-alignment. Sector-specific adaptations, such as verified input records in dairy or agriculture, further strengthen usage control. The entire credit lifecycle, from application to monitoring and repayment, is managed through digitally integrated tools, promoting financial inclusion, operational transparency, and scalable lending for underserved enterprises.

- **Repayments and Risk Management:** Repayment and risk management processes under OCEN are structured to promote both efficiency and low default risk. The use of Trigger-based Tailored Transaction (T4) loan models facilitates automatic deductions from verified income sources before funds reach the borrower. For example, repayments may be deducted from milk payments before being credited to dairy farmers. Account Aggregators play a key role in enabling real-time monitoring, offering lenders early warning signals in case of repayment irregularities. Additionally, the system maintains a Reputation Ledger that records borrower behavior over time, contributing to more accurate future credit assessments. Automated regulatory reporting, facilitated by standardized data protocols, ensures compliance with financial regulations while reducing administrative burden for lenders.

**Table 3 - Open Credit Enablement Network Under India Stack**

	<b>Meaning</b>	<b>Offers</b>	<b>Owner</b>
<b>Consent Layer</b>	Framework sharing modern privacy data	Access to personal data	Reserve Bank of India (RBI)
<b>Cashless Layer</b>	Payment network built on interoperability	IMPS, UPI, APB, AEPS	National Payments Corporation of India (NPCI)
<b>Paperless Layer</b>	Easily store and retrieve data digitally	Adhar, e-KYC, e-Signature, Digital Locker	Department of Electronics and Information Technology (DEIT)
<b>Presence less Layer</b>	Open API access with unique digital biometric identity.	Adhar card and Mobile Adhar	Unique Identification Authority of India (UDAI)

Source: OCEN

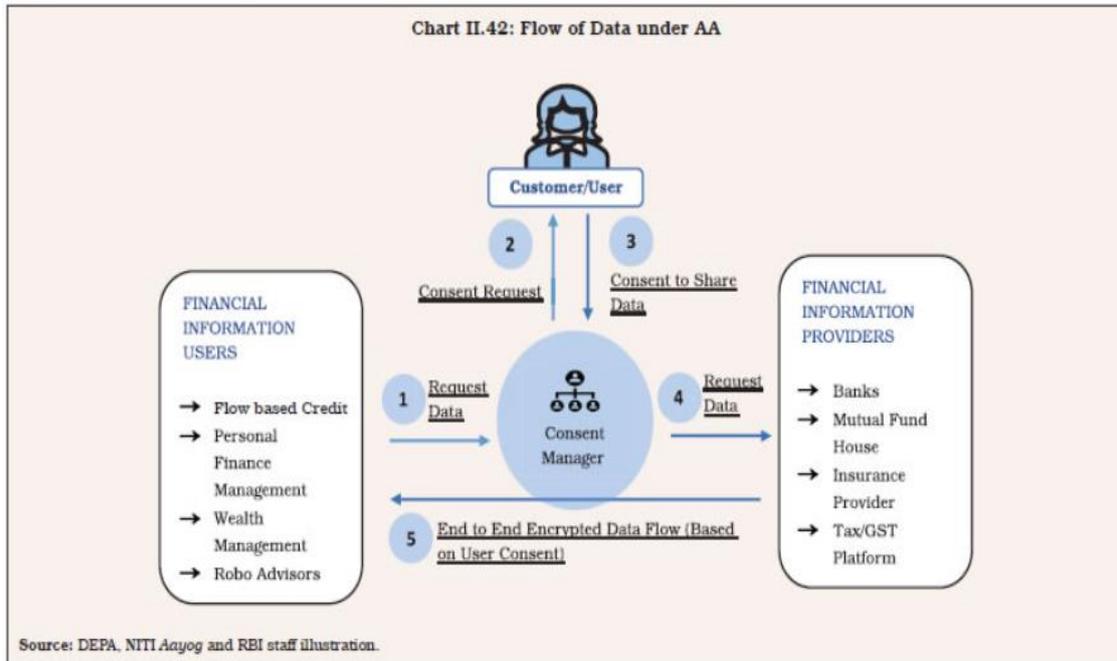
### **DRIVING SCALABLE AND INCLUSIVE CREDIT ACCESS THROUGH OCEN-ONDC INTEGRATION**

The integration of the Open Credit Enablement Network (OCEN) with the Open Network for Digital Commerce (ONDC) is transforming the credit landscape for India’s underserved MSMEs. By digitizing the entire lending value chain—right from application and approval to disbursement and monitoring—this framework minimizes friction, reduces operational costs, and mitigates lending risks.

The consent-based, secure infrastructure allows for seamless, real-time processing and monitoring of loans, while empowering lenders to make data-driven decisions. This not only accelerates credit

delivery but also helps build digital credit histories for small and informal businesses, a critical step toward long-term financial inclusion.

As digital commerce scales across India, this integrated approach is set to bridge the country's ₹17 trillion MSME credit gap. Much like the rapid adoption seen in digital payments, OCEN-ONDC has the potential to unlock the next wave of inclusive economic growth through transparent, scalable, and technology-driven lending.



The OCEN ecosystem, bolstered by tools like Account Aggregators (AAs) and credit guarantee initiatives such as CGTMSE, is revolutionizing digital lending in India. By enabling consent-based data sharing, AAs allow borrowers to securely share verified financial information—like banking and GST records—with lenders. This process enhances privacy, improves credit evaluations, and reduces dependency on manual inputs, all while minimizing risk for lenders.

Digital lending platforms are also automating and streamlining the credit lifecycle—from application to repayment. These platforms incorporate structured disbursement systems that prioritize loan repayments before releasing excess funds, improving collection rates. With upcoming policy changes—such as standardized loan categories, easier KYC norms, real-time oversight, and secure payment frameworks—access to formal credit is expected to grow, especially for underfinanced MSMEs facing a credit shortfall of nearly ₹17 trillion.

This digital transformation is not only making lending more efficient but also more inclusive. Smaller enterprises now have better opportunities to compete alongside larger players. The ecosystem's growth is supported by a range of participants: rural networks like Spice Money and Samunnati aid outreach, financial institutions like SIDBI provide capital, fintechs like U GRO and Indifi develop tailored credit products, and tech enablers ensure system reliability. Collectively, these stakeholders are shaping a more transparent, scalable, and equitable lending environment.

### Regulatory and Policy Landscape

The Reserve Bank of India (RBI) has established detailed regulations for digital lending, applicable to commercial banks, cooperative banks, Non-Banking Financial Companies (NBFCs), and housing finance companies. The framework ensures that digital lending is conducted transparently, protecting borrowers' interests while maintaining regulatory oversight. Key provisions include the requirement that loan disbursements and repayments occur directly between the borrower and the regulated entity

(RE), without third-party involvement. Lending Service Providers (LSPs) cannot charge borrowers directly, and all fees and applied charges are disclosed beforehand in a standardized Key Fact Statement (KFS). Borrowers must also have a cooling-off period to exit loans without penalty. The guidelines mandate strict data privacy and cybersecurity measures, prohibiting unnecessary data collection and requiring that all data be stored within India. Additionally, all digital loans must be reported to Credit Information Companies (CICs) to ensure financial transparency. REs must conduct due diligence on LSPs, monitor their conduct, and maintain a robust grievance redressal mechanism. The framework also addresses risk-sharing practices like First Loss Default Guarantee (FLDG), ensuring compliance with RBI's securitization norms. These measures aim to create a responsible and secure digital lending ecosystem while mitigating risks associated with rapid fintech expansion. (RBI, India's digital lending regulations)

### **Potential Benefits of OCEN for MSMEs**

The Open Credit Enablement Network (OCEN) is emerging as a transformative force in India's digital lending ecosystem, offering a standardized, API-driven infrastructure that enhances financial access for underserved communities, particularly MSMEs, gig workers, and informal enterprises. By enabling seamless collaboration among banks, NBFCs, fintechs, borrower agents (BAs), and digital platforms, OCEN facilitates a highly scalable and interoperable credit delivery framework.

One of OCEN's core strengths lies in its ability to simplify loan origination and servicing through fully digital, paperless processes. With the support of Account Aggregators (AAs), borrowers can share consent-based financial data—such as GST returns and bank statements—enabling lenders to conduct precise, AI-assisted credit assessments, even in the absence of conventional credit histories. This significantly reduces turnaround time, operational costs, and reliance on physical infrastructure. The framework empowers borrower agents to perform crucial roles including KYC facilitation, collections, and customer engagement, thereby extending the reach of lenders into rural and remote regions. Through such last-mile delivery mechanisms, OCEN fosters trust, reduces default risks, and enhances borrower experience.

OCEN also enables embedded finance by integrating lending capabilities into existing digital ecosystems such as e-commerce platforms and ONDC. This allows businesses to offer credit at the point of transaction, using real-time data for eligibility assessment and reducing customer acquisition costs. Moreover, by supporting co-lending models backed by guarantees like FLDG, OCEN facilitates effective risk-sharing between banks and fintechs, ultimately lowering interest rates for borrowers. Operational efficiency is further supported by centralized registration, digital identity verification, and structured repayment mechanisms. Loans can be customized based on geography, sector, or borrower profile—enabling use cases like pre-approved dairy loans or agriculture-based microcredit disbursed through verified channels.

By addressing traditional barriers such as manual documentation, high acquisition costs, and limited data access, OCEN strengthens financial inclusion and makes formal credit accessible to smaller enterprises. Its integration with the ONDC network amplifies its impact, helping bridge India's MSME credit gap—estimated at over \$300 billion—while driving inclusive economic development.

### **Addressing Challenges and Enhancing Trust in OCEN-Based Lending**

Despite its potential to revolutionize credit access, the implementation of the Open Credit Enablement Network (OCEN) faces several hurdles. Regulatory gaps, limited cybersecurity infrastructure, and concerns over data privacy pose significant risks, particularly for financial institutions serving underserved and micro-enterprise borrowers (Manish). Adoption also remains low due to a lack of awareness and the perception of OCEN as complex or technically demanding, especially among MSMEs and smaller lenders (Lunia M., 2024).

The integration of OCEN with older financial systems requires not only digital upgrades but also alignment across regulatory jurisdictions to build a consistent framework. For smaller businesses, reluctance to share sensitive financial data adds to the challenge of building a trusted lending environment.

To mitigate rising risks—such as loan defaults that may increase with wider adoption—experts recommend creating user-protection mechanisms like digital ombudsmen, online grievance redressal systems, and specialized oversight teams to foster trust and encourage private sector participation (Maiya, April 2024).

The growth in digital credit has also brought to light issues such as aggressive third-party involvement, product mis-selling, excessive interest rates, and coercive recovery practices. While digital loans have helped many during financial crises (Suri et al., 2023), problems like opaque terms and unaffordable repayments can harm borrowers, especially if credit decisions are made by biased or opaque algorithms (Brailovskaya et al., 2021).

To safeguard users, the Reserve Bank of India (RBI) rolled out digital lending guidelines in September 2022, emphasizing customer protection, ethical conduct, and data governance. Importantly, regulated entities (REs) remain fully accountable, even when services are facilitated by third-party apps or Lending Service Providers (LSPs). Further refinements in June 2023 introduced new rules on Default Loss Guarantees (DLGs), capping them at 5% of loan portfolios and mandating full transparency and due diligence of DLG partners. These interventions aim to ensure that OCEN's growth is both inclusive and responsible, laying the groundwork for a safer and more equitable digital credit ecosystem.

### **Policy Recommendations to Strengthen OCEN**

To fully realize the potential of the Open Credit Enablement Network (OCEN), a supportive policy framework is essential. Key actions to achieve this include implementing targeted educational initiatives for MSMEs and financial institutions, which would help improve their understanding and increase confidence in adopting the framework. Additionally, regulatory harmonization across different sectors is necessary to simplify compliance processes and encourage faster implementation. Offering incentives, such as tax relief or subsidies, can motivate institutions to adopt the system early on. Furthermore, strong data privacy regulations and clear ethical guidelines are crucial to ensuring responsible use of information, building trust among users, and safeguarding data security.

### **Conclusion: A New Era in Credit Access**

OCEN is not just a technological innovation—it represents a paradigm shift in how credit is provided to MSMEs. With the right regulatory support and sector-wide collaboration, OCEN has the power to reshape India's financial landscape, empowering small businesses and fostering widespread financial inclusion.

By making small loans financially viable for both lenders and borrowers, OCEN opens up a \$300 billion credit market. The framework's efficient service model, driven by innovations like borrower agents, ensures smoother loan management, scalability, and cost-effectiveness. For both new and established lenders, adopting OCEN is not just an option—it's a strategic decision that will unlock vast growth potential and foster financial inclusion throughout India.

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