

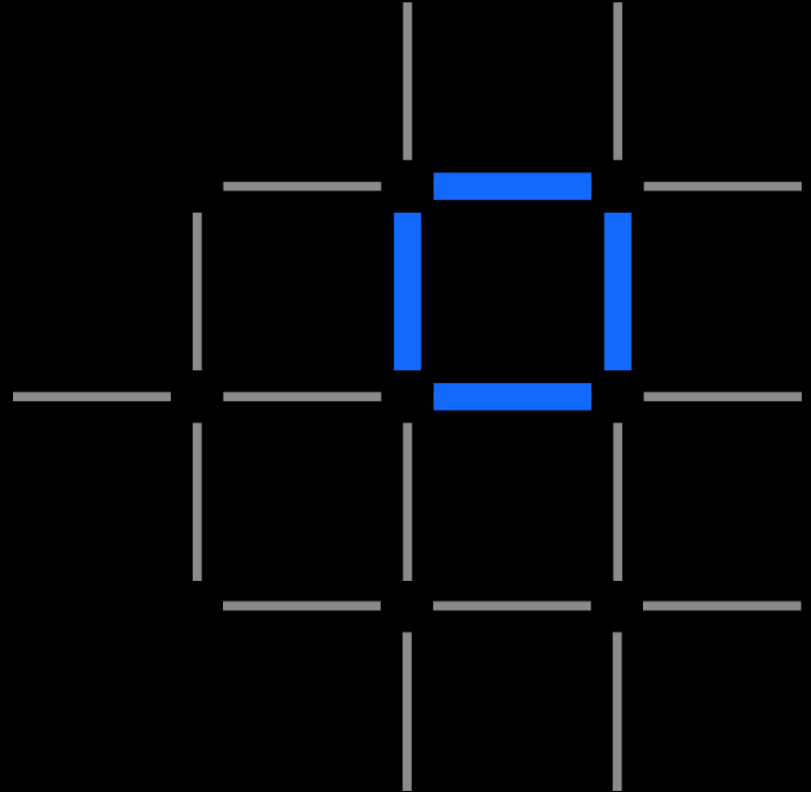
LBChain Project

Phase II

IBM Blockchain

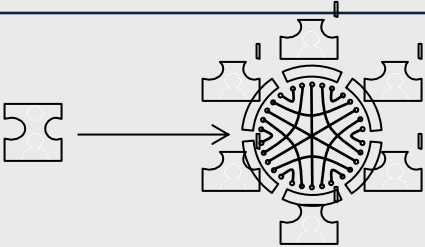
Maciej Jędrzejczyk

Blockchain Leader - Central and Eastern Europe



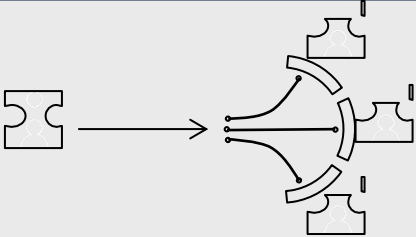
IBM vision #1: LBChain as a MVE-convening enabler

Business differentiation network
to enhance existing processes



Create private network
with partners

Industry utility network
to optimize shared processes

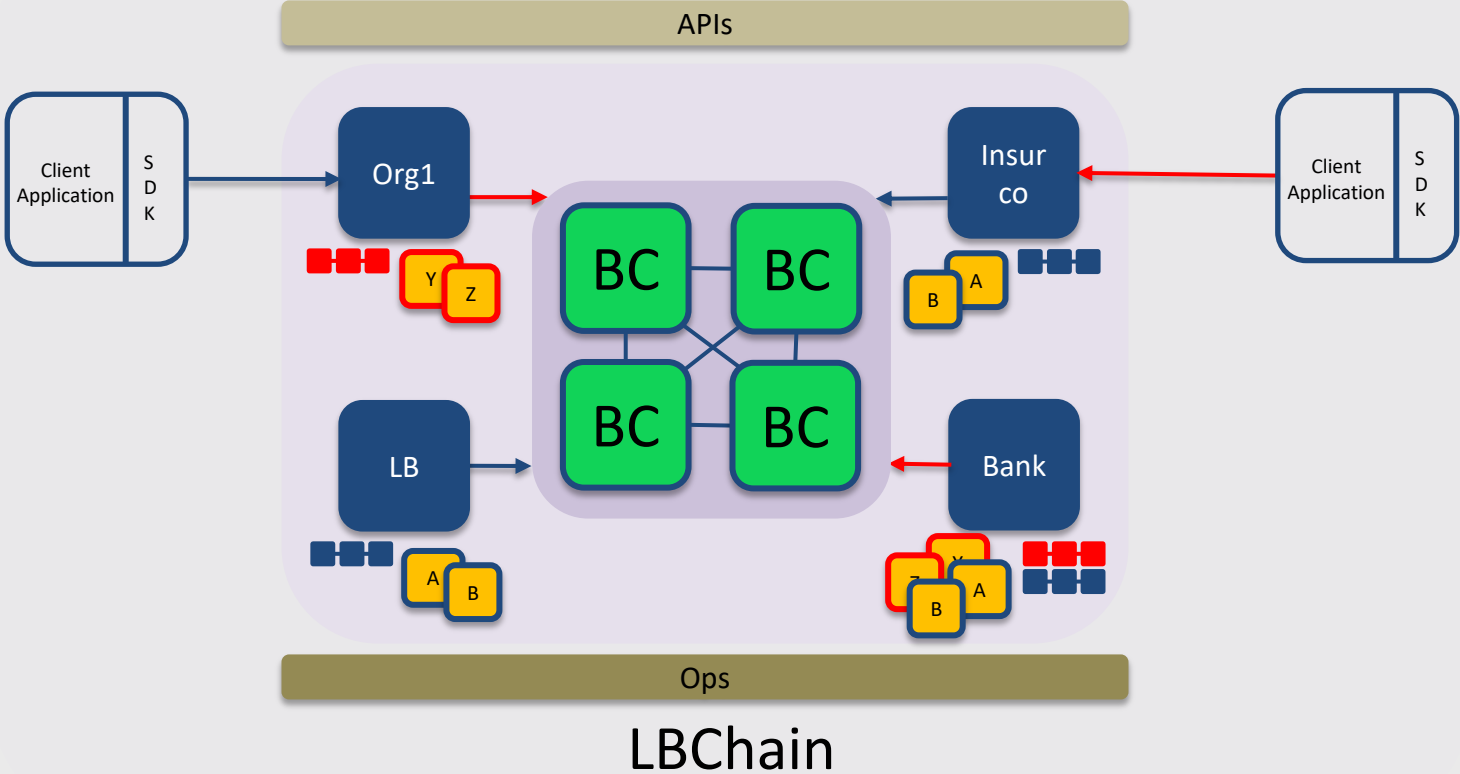


Collaborate with
competitors and non-
traditional partners

Open to industry
participants to consume
services

LBChain

IBM vision #2: LBChain as a holistic technical platform



IBM vision #3: LBChain as a streamlined process

Pre-contract

- Clear and accessible Platform Documentation with out of the box offer list
- Presentation of the Fintech idea which will be integrated with the framework
- Initial documentation feedback including business scalability in terms of regulations and technology
- Guidance in terms of application adjustment to the requirements

On-Boarding

- Clear and simplified signup process (Terms & Conditions)
- Continuous communication and information regarding the process changes
- Document confirming project scope establishment and accordance with regulations and law

LBChain Participation

- “Single Window” for communication, questions and queries submission
- Streamlined access to tools and services within and outside of Bank of Lithuania reach
- Support from Bank of Lithuania in regard to financial assets liquidity
- Facilitated access into technical framework
- Established test and validation procedures

Post project

- Streamlined procedure to the financial license obtainment
- Confirmation for the solution compliance with law & regulations
- Facilitation towards regulatory sandbox

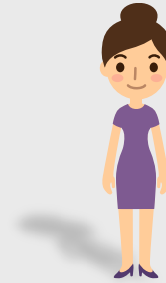
Design Thinking - propositions

Gary – Business Analyst



Possibility for fast and efficient conversion of business requirements into the right technology choices and tools for the project execution.

Ana - Developer

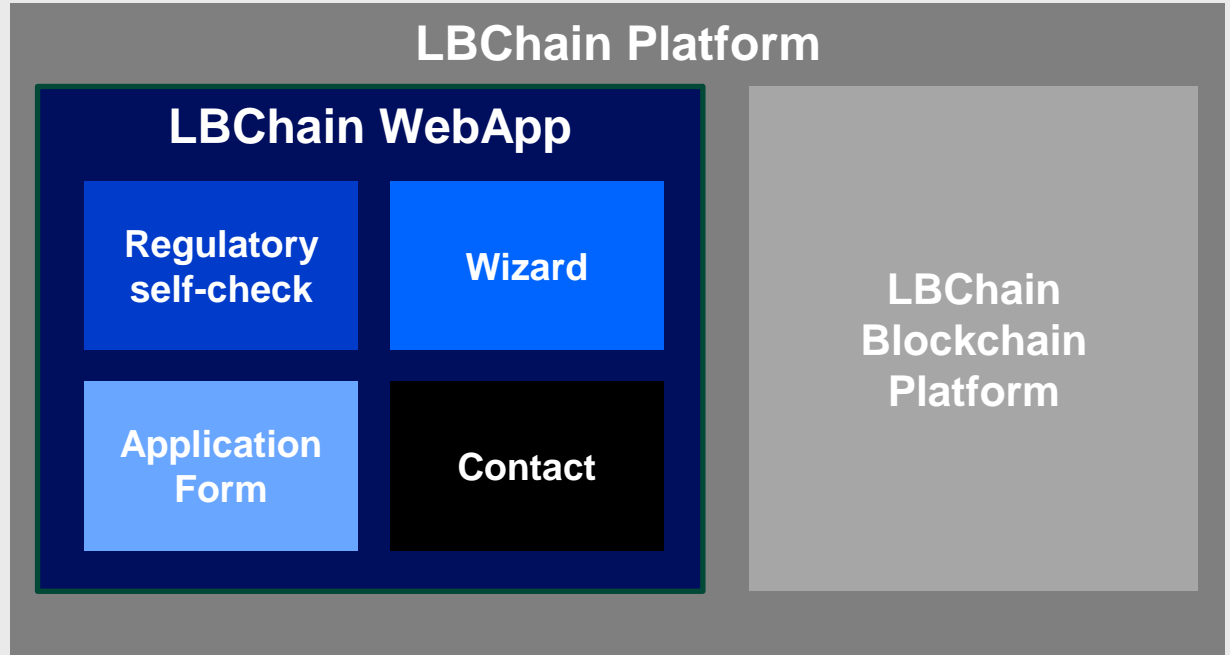


Reduction of time required for the project preparation phase by providing the out-of-the-box recommendations with tools and tutorials allowing to efficiently setup the development environment.

LBChain WebApp components

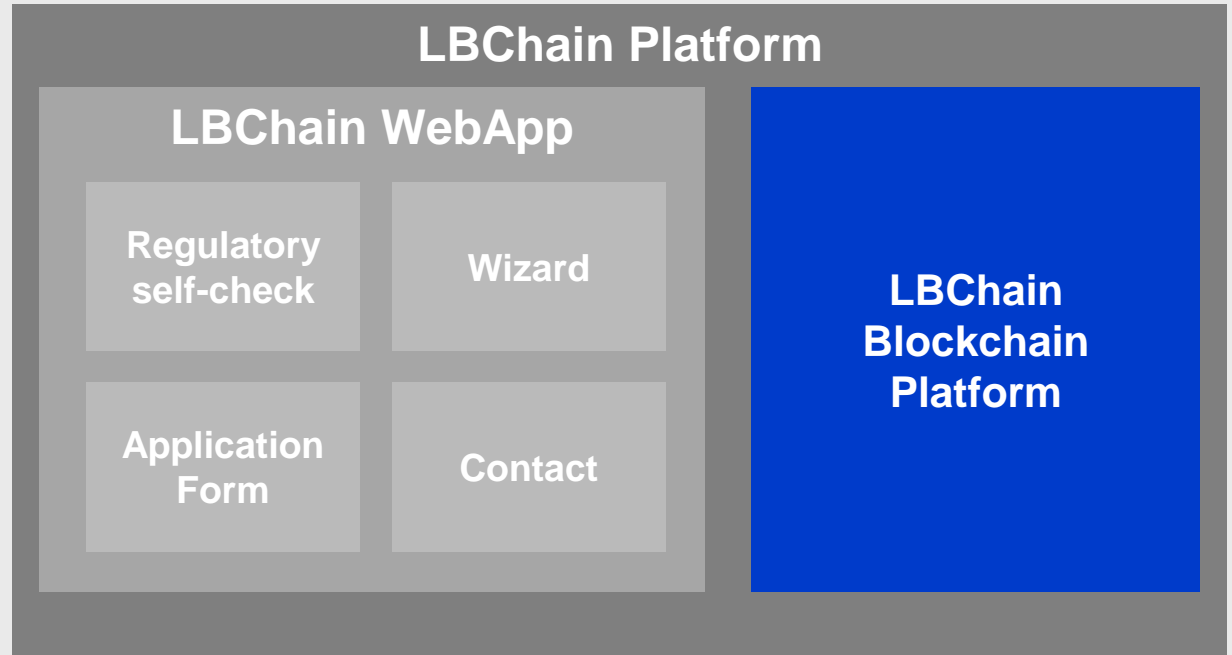
LBChain WebApp is a web application programmed in the java-script with node.js run-time environment, dedicated for the purpose of Bank of Lithuania LBChain project.

Application offers four modules: **Regulatory self-check**, **Wizard**, **Application Form** and **Contact**, representing different functionalities which covers the specific aspects of the LBChain value proposition.

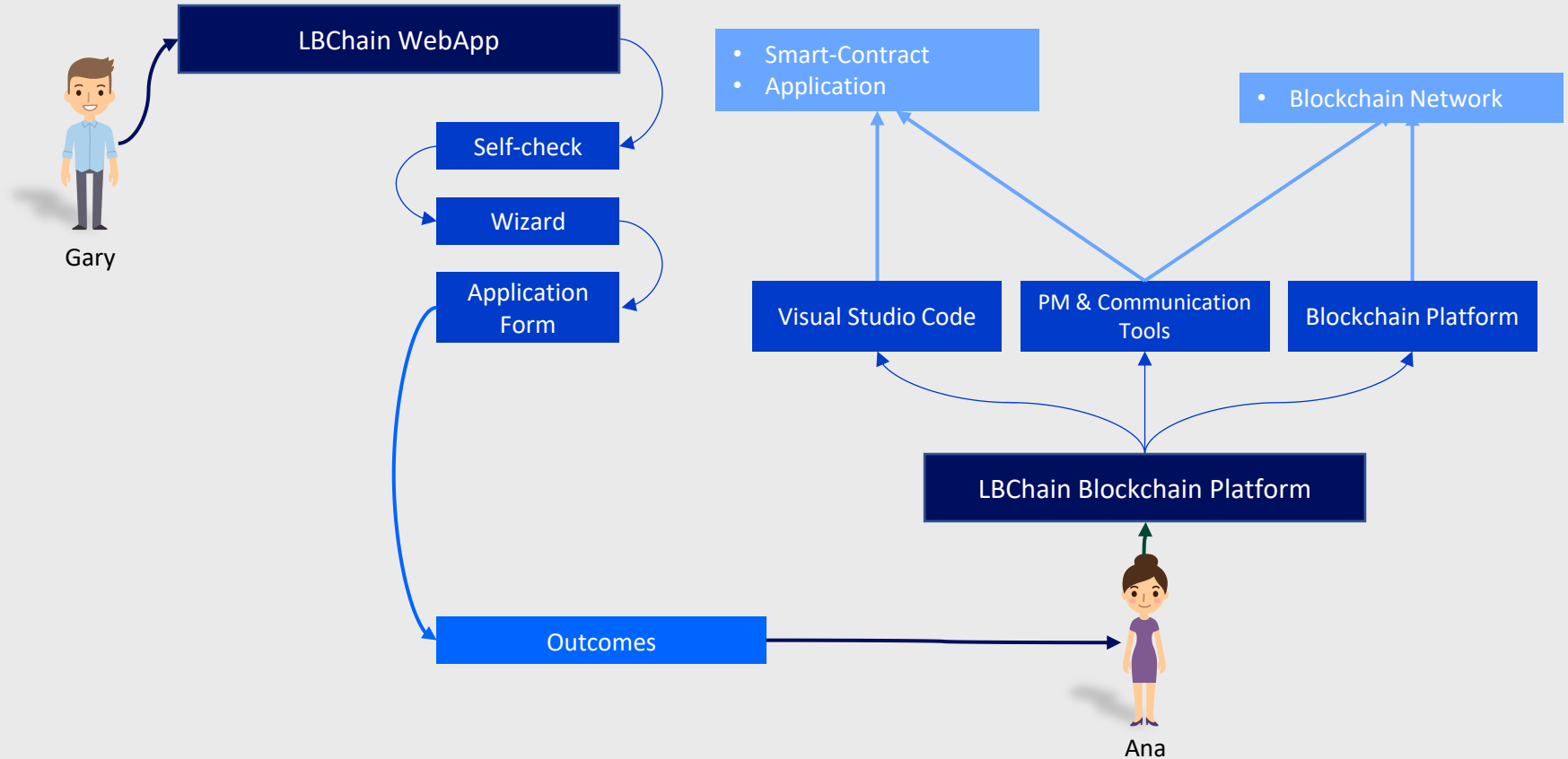


LBChain Blockchain Platform

The **Blockchain Platform** is dedicated for the purpose of the **LBChain** project. It is based on the Hyperledger Fabric framework overlaid by IBM Blockchain Platform which provides a managed, full stack **blockchain-as-a-service** (BaaS) delivered in an **environment of customer choice**, including the IBM Cloud, on-premises, and third-party clouds.



LBChain Fintech journey



LBChain platform-service



Ana

LBChain Blockchain Platform

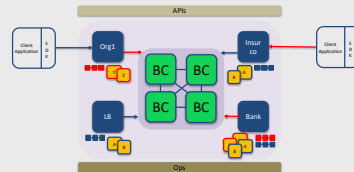
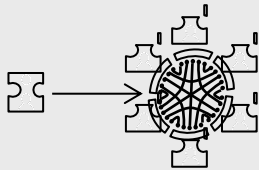
- Environment provisioning
- Solution deployment
- Smart contract development
- Access to IDE
- Solution lifecycle management

LBChain WebApp

- Solution discovery
- Solution details consultations
- LBChain Participation
- Terms & Conditions negotiation
- LBChain Application Form submission
- Environment sizing



Gary



Pre-contract

On-Boarding

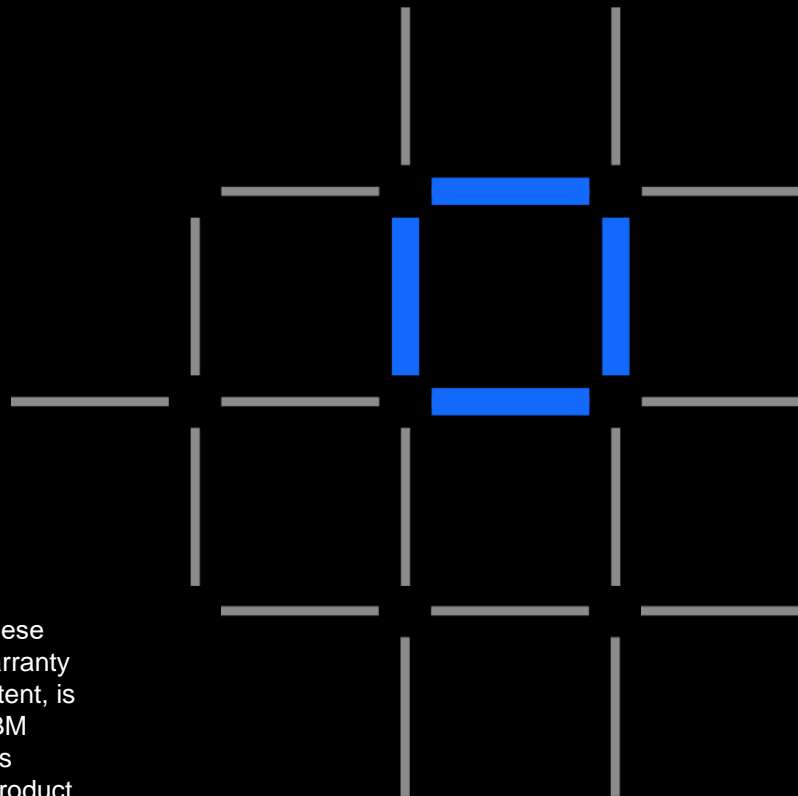
LBChain
Participation

Post project

Thank You!

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