



**economic development
via entrepreneurship & innovation**

Circle Pass

Circle Pass

Circle Pass & KPI Dashboard

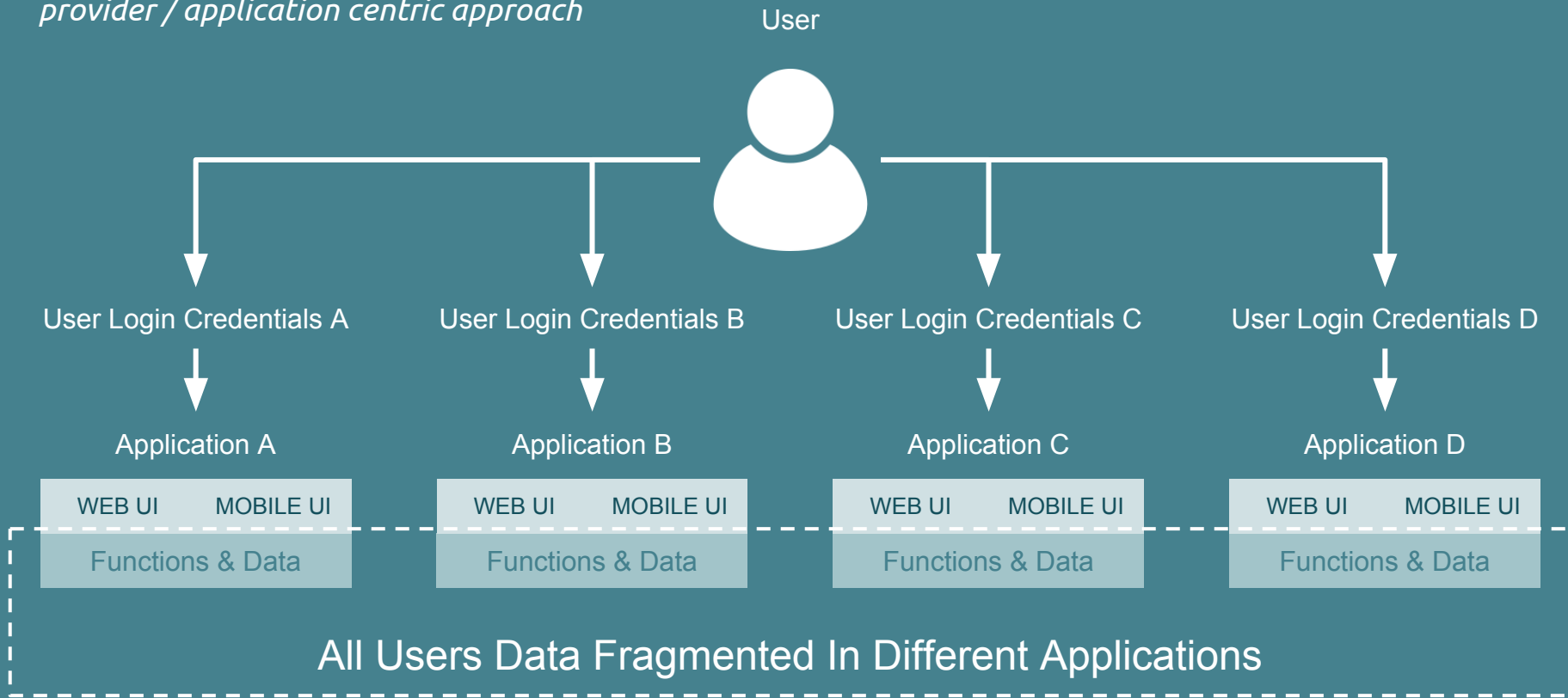
- Focus on key elements from holistic ecosystem perspective
 - User Account, related API's, data & KPI's
 - Service Function basic data, KPI's & related API's
- Support User Experience at ecosystem level
- Support private side development and growth from local application development and business perspectives
- Maintain sustainability of overall strategy, processes and resources (funding, knowledge base and related shorter & longer processes).

Circle Pass

- Federated Single Sign-On Identity for ecosystem level user accounts
- Secure and protect users data, ownership and data portability via their Circle Pass account (My Data approach)
 - Enable users to centrally manage their verified email IDs and key social network authentications (federated identity)
 - Enable users to collect their own personal data from different services to their private account (my data model)
 - Enable users to manage, synchronize, analyse, categorize and share their personal data via their private account
 - Enable users to store their data to their preferred data storage provider (independent from Startup Commons)
 - Provide different levels of user data verification (verified in Blockchain)
- Attach and connect relevant KPI's to KPI Dashboard

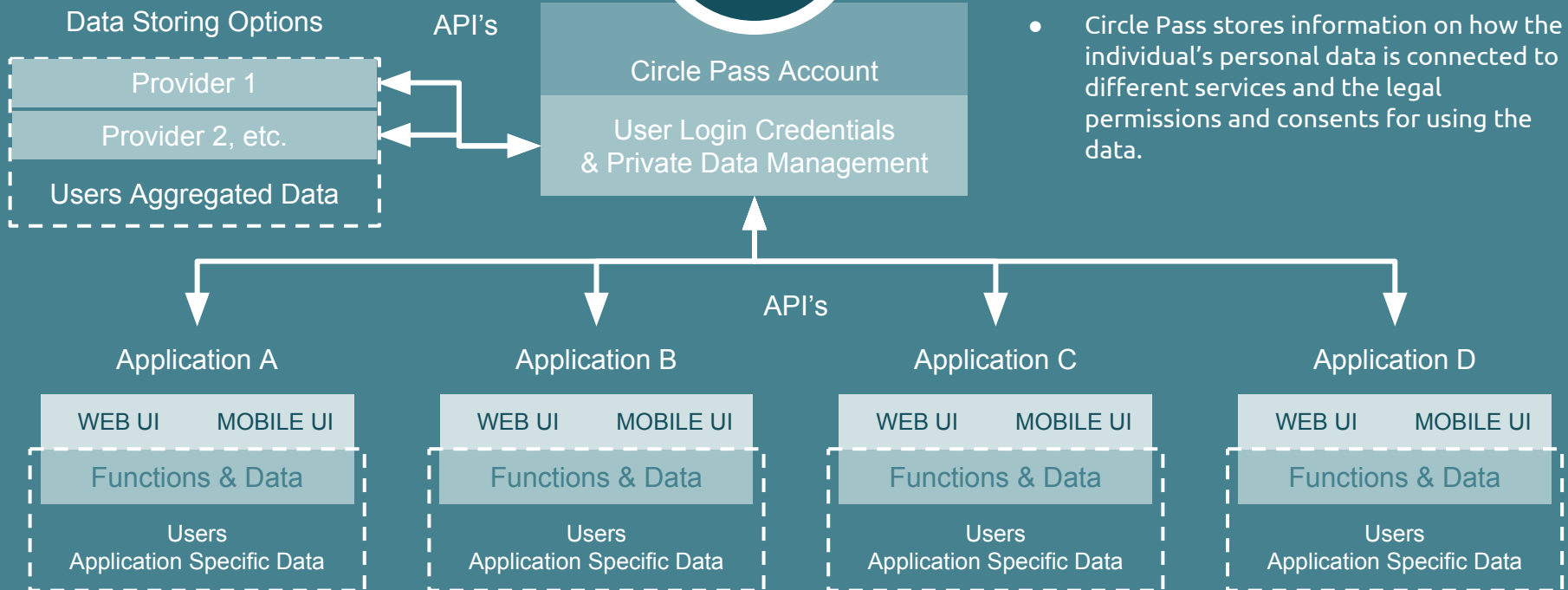
Traditional

provider / application centric approach



Circle Pass

user centric approach



- The key concept in the Circle Pass account for an individual, is to be a single hub for personal data management.
- Via this account individual can, see manage and give services the authority to access and use his or her personal data.
- Circle Pass stores information on how the individual's personal data is connected to different services and the legal permissions and consents for using the data.

About MyData (Circle Pass approach)

- Personal data has increasingly significant social, economic, and practical value.
- MyData is a human centered approach in personal data management that combines industry need to data with digital human rights.
- The new regulatory developments, such as EU's General Data Protection Regulation, are changing the landscape in which organizations (public and private) need to operate. (learn more: <http://ec.europa.eu/justice/data-protection/>)
- Organizations globally are busy exploring the opportunities of human-centric personal data. Whole industries such as energy, health or finance, are already being disrupted by this trend.
- MyData is a logical future proofed approach

More about MyData: <https://mydata.org>

Summary Slides

Circle Pass Architecture

Circle Pass Architecture

Circle Pass
Users



Circle Pass
Application

- The key concept in the Circle Pass account for an individual, is that useraccount is a single hub for personal data management.
- Via this account individual can, see manage and give services the authority to access and use his or her personal data.
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Circle Pass Architecture

Circle Pass
Users



Circle Pass
Application

- Map out and list ecosystem organizations, their services, KPI's and applications
- Define strategy and approach to resolve
- Prioritise existing actors to start with

Application A

WEB UI MOBILE UI

Functions & Data

Application B

WEB UI MOBILE UI

Functions & Data

Application C

WEB UI MOBILE UI

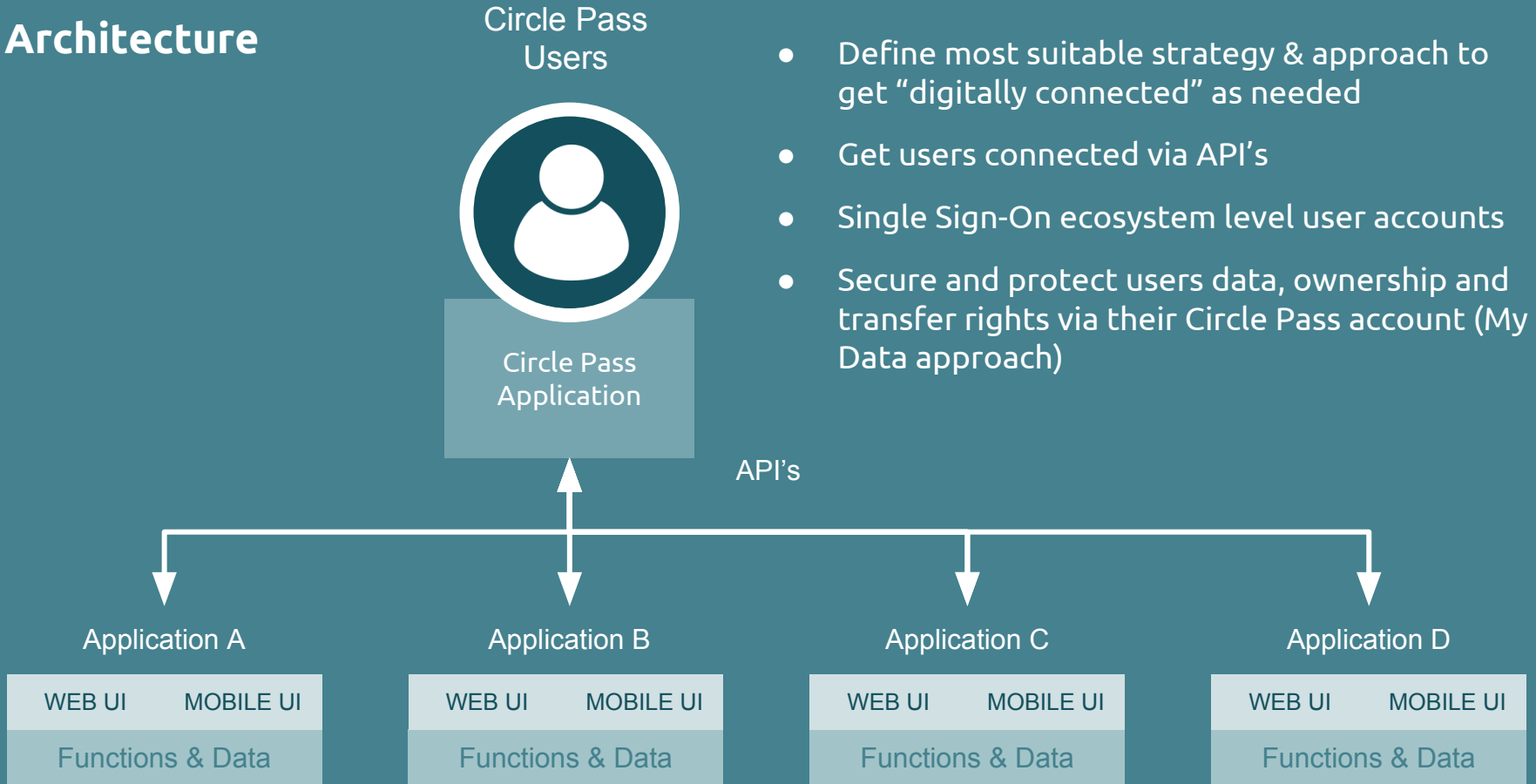
Functions & Data

Application D

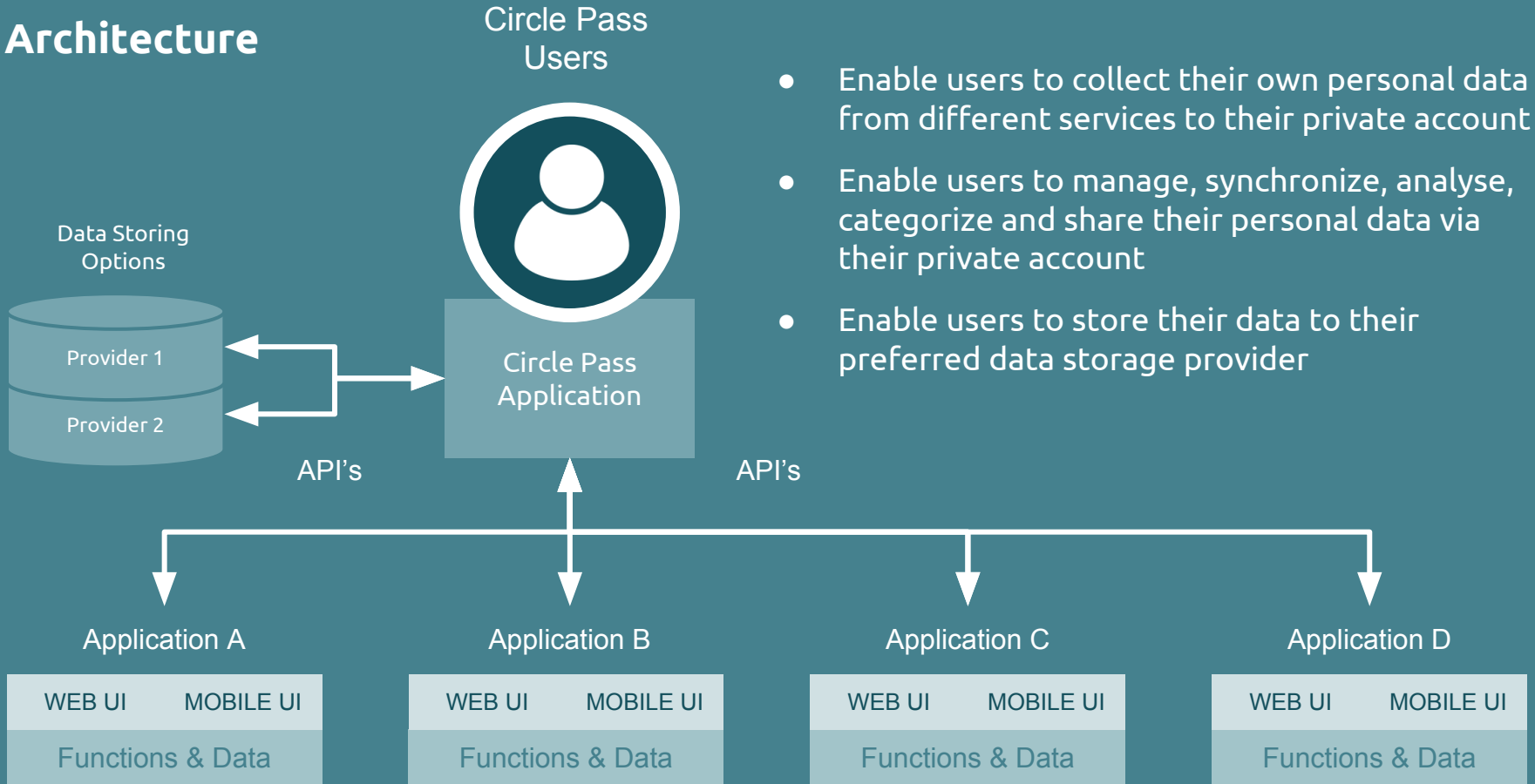
WEB UI MOBILE UI

Functions & Data

Circle Pass Architecture



Circle Pass Architecture



Approach to

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About Startup Commons

The Mission of Startup Commons is to help scale volume and quality of entrepreneurship and innovations, by digitalizing ecosystems to growing global network of connected ecosystems for economic development and related key organizations, by enabling KPI focus, effective global sharing of best practises, development efforts and resources, supported with leading international startup and startup ecosystem development knowhow and expertise to help train, develop, connect & operate the digital startup ecosystems.

Global Digital Finance Ecosystem



Startup Ecosystems Globally

Startup Commons Global

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Part of the **growvc**
group