Reimagining the potential of food



foodtech valley

H.H. Sheikh Mohammed launched Food Tech Valley to address food security

Food Tech Valley is a UAE government led initiative designed to address food security locally, regionally, and globally.

VISION

Reimagining the potential of food

MISSION

Food Tech Valley is making local, clean food more accessible than ever. We do this by connecting and activating the Food Tech ecosystem in the UAE with first-class infrastructure, business support and community programming. We are empowering farmers, academics, business owners and entrepreneurs to address global food security challenges and pioneer sustainable food production that will reimagine the way the world produces and consumes food.



Why now and why here?

Globally, there is not enough food to feed current and future populations.

Driven by global demographic, climate and political changes, food security is one the most pressing global challenges.

50% Increasing demand for food (by 2030)

Higher temperatures

Increasing water scarcity

800m People go hungry every day

1 in 3 People suffer from malnutrition

1/3 Of food is wasted

In the UAE, food security is under threat.

Food security is a top national concern, driven by local scarcity and supply vulnerabilities.

90% Of food is imported to the UAE

5% Of land is arable

0.1% Contribution of agricultural production to the GDP

Food imports in UAE

This challenge also presents a significant opportunity for partial transition to local food production.

Imports can be transferred into a local production which would also translate into a growth of local economy, employment and talent.

FOOD SECURITY

ECONOMIC GROWTH & DIVERSIFICATION

EMPLOYMENT & TALENT DEVELOPMENT

What are we doing about it?

We are transforming the UAE into an international hub for agri and food tech.



Enable the increase of local food production



Diversify international food sources and agri-business trade



Foster creation and scale of innovative food-tech solutions

UNITED ARAB EMIRATES
MINISTRY OF CLIMATE CHANGE
& ENVIRONMENT

SUSTAINABLE DEVELOPMENT GOALS

In line with the UAE Food Security National Strategy 2051, Food Tech Valley will be based on connectivity, innovation, and facilitation of business growth in food tech.

We are building a platform for breakthrough innovations in food production for a healthy, sustainable future.

HYDROPONICS



AEROPONICS



AQUAPONICS



CELLULAR AGRICULTURE



FISH FARMING

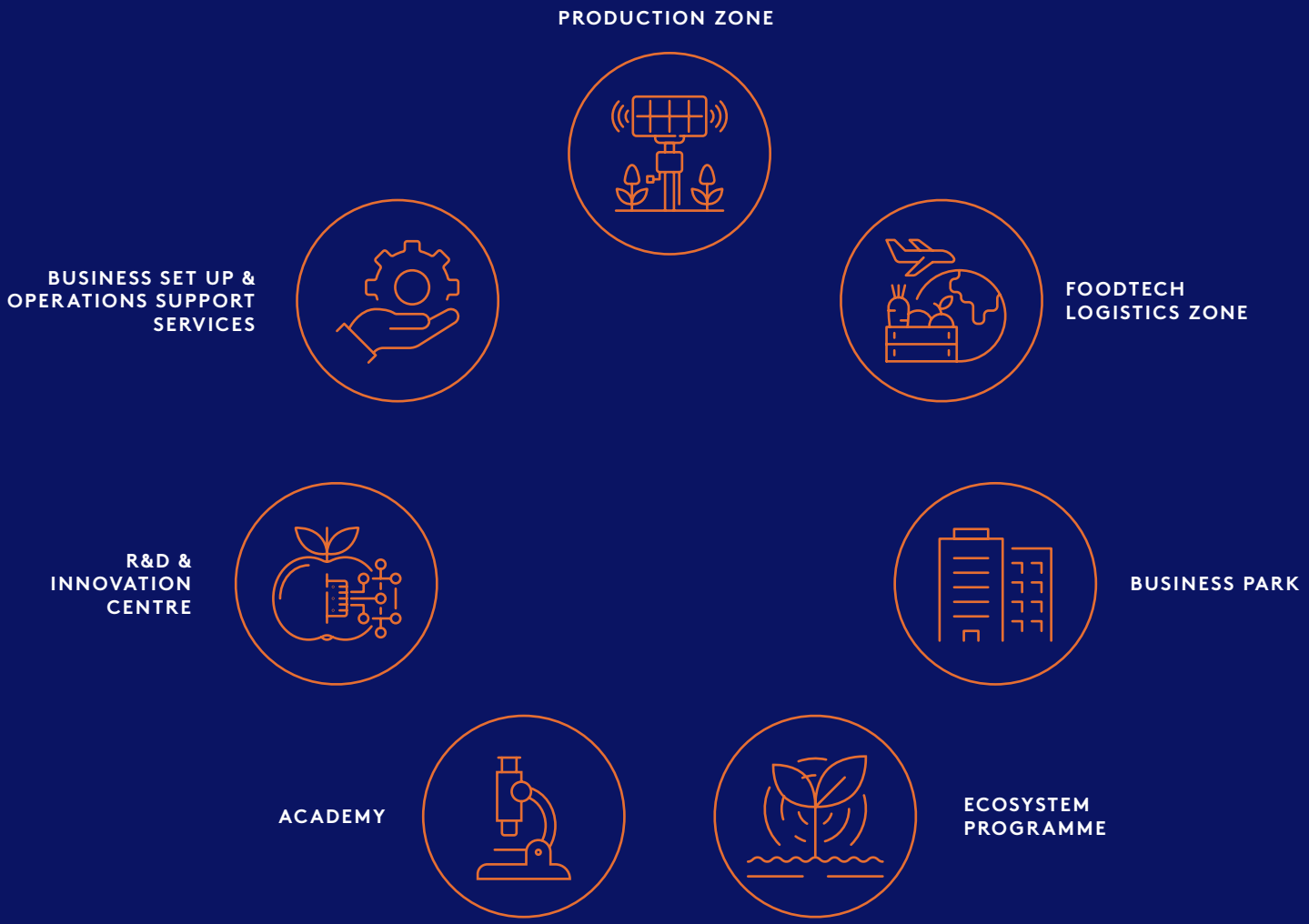


ALGACULTURE



Food Tech Valley focuses on hosting and supporting transformative and innovative agri-tech and food-tech solutions and systems.

We are uniting the complete food and agriculture ecosystem in one place



The Food Tech Valley will provide physical infrastructure, industry and business support services.

Uniquely designed to meet food and agtech business needs

Food Tech Valley provides stakeholders a comprehensive one-stop-shop consisting of physical infrastructure, an ecosystem programme, and business support services.

PHYSICAL SPACE

CEA Plots
Processing & Packaging
Innovation & R&D Centre
Business Park & Market
Model Farm Plots
Warehouses & Logistics
Academy
Residential & Retail

ECOSYSTEM PROGRAMME

Incubation & Acceleration
Business Development Support
Funding Facilitation
University Programme
Capacity Building
Trade Facilitation & Marketing
Community Engagement
Awareness & Advocacy

ONE STOP SHOP BUSINESS SERVICES

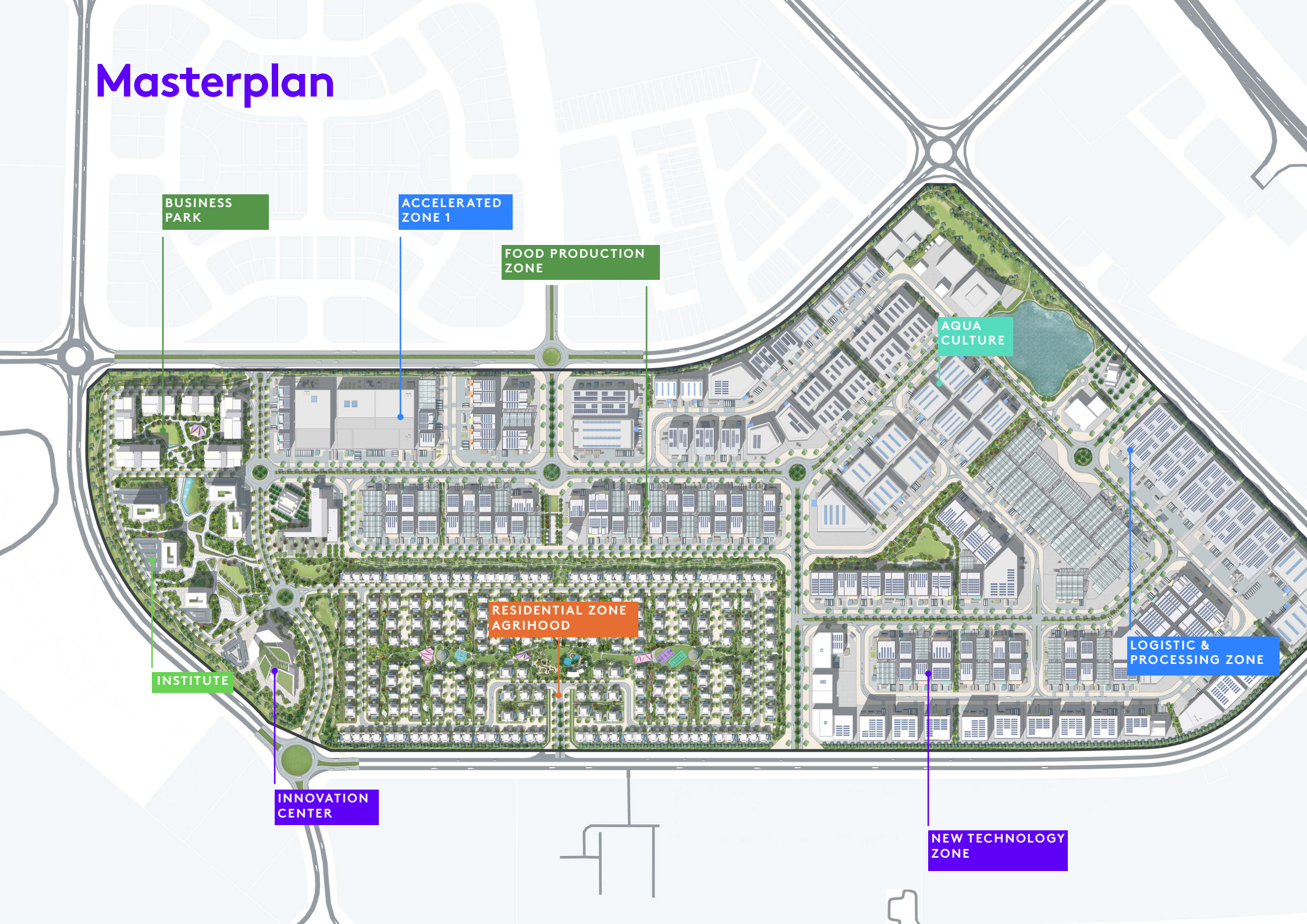
Sales & Leasing Services
Government Services
Licensing Services
Property & Asset Management Services
ICT & Security Services
Other Business Support Services

Strategically located in Dubai, UAE



It is located outside Dubai, between two main highway routes for easy accessibility.

Masterplan


BUSINESS PARK
ACCELERATED ZONE 1
FOOD PRODUCTION ZONE
AQUA CULTURE
RESIDENTIAL ZONE AGRIHOOD
INSTITUTE
INNOVATION CENTER
LOGISTIC & PROCESSING ZONE
NEW TECHNOLOGY ZONE

Food production zone

The valley will cater to modern farming technologies including vertical farms, aero farms, hydroponics, fish farms, algae farms and others.



Logistics zone

The logistics zones will cater to the rest of the value chain, including but not limited to trading, processing, packaging and logistics.



A specialised and vibrant economic zone that is close to the city and the Central Business District



Food packaging robot



Automated storage systems

Business park

The business park will include commercial offices, meeting & conference venues, and business centre catering to the administration, marketing, and sales operations of food tech companies.



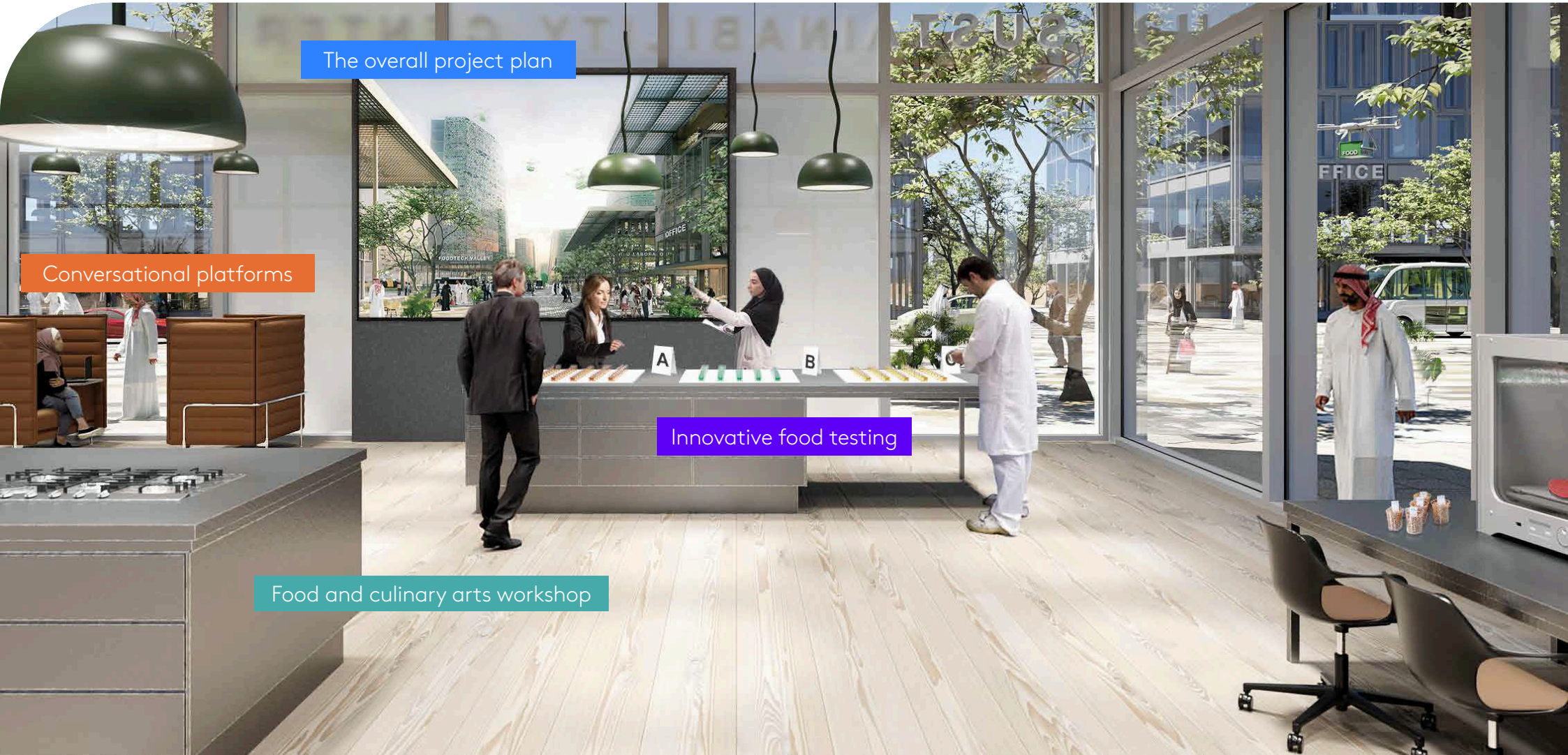


Innovation and R&D centre

Innovation and R&D facilities will aid in the incubation and acceleration of new solutions; these facilities will include an R&D lab, co-working spaces, incubation, and acceleration services.

Academy

An academy specialises in the development of dedicating talents in the fields of food and agricultural sciences and modern technologies.





Ecosystem programme

The aim of the ecosystem programme will help stakeholders in business creation and growth via trade facilitation, capacity building, business development support, access to funding and advocacy and the like.

What can Foodtech Valley do for you?

Reimagine the future of food

Food Tech Valley delivers first class infrastructure and tailored business services to connect and grow the foodtech community and enable disruptive solutions for a sustainable future.



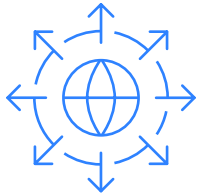
Foodtech Valley businesses are positioned to grow in an ideal business environment



CENTRAL LOCATION AND EASY ACCESS TO MARKETS IN ASIA, AFRICA & EUROPE



INNOVATION AND ECONOMIC DIVERSIFICATION IS A NATIONAL PRIORITY



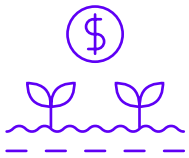
ONE OF THE LARGEST TRADING & LOGISTICS HUBS IN THE WORLD



REGIONAL MARKET SIZE OF 300M PEOPLE



STABLE LEGAL AND REGULATORY INFRASTRUCTURE



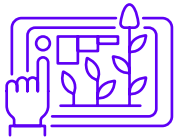
AVAILABILITY OF AFFORDABLE FACILITIES & MANPOWER

The UAE has been known to have an ideal location for trade and logistics among different regions.

Who is Foodtech Valley for?



Anyone at any stage of the value chain will find opportunities to grow in Foodtech Valley



FOOD PRE-PRODUCTION



FOOD PRODUCTION



FOOD TRADING



FOOD PROCESSING



FOOD PACKAGING



FOOD LOGISTICS



FOOD DISTRIBUTION



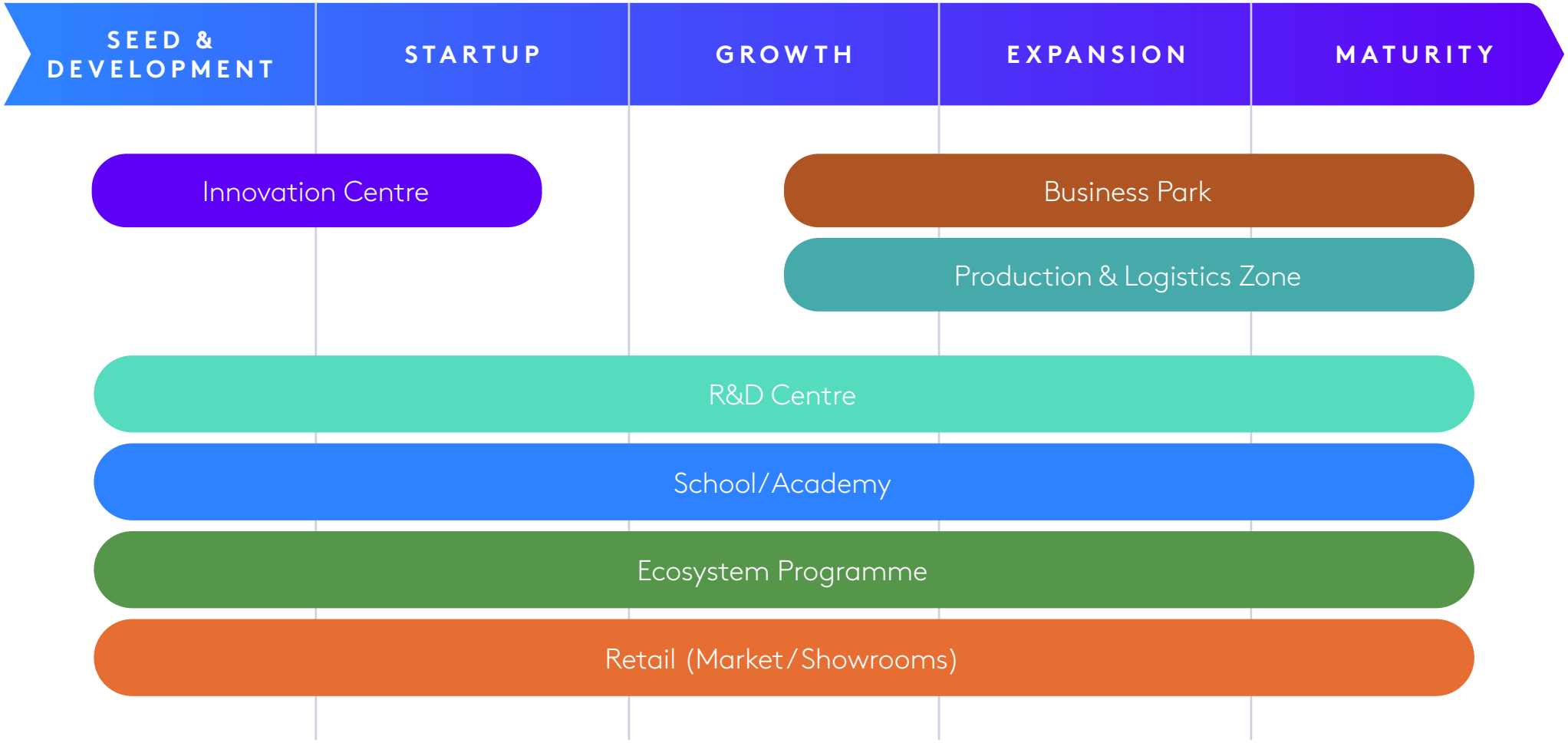
FOOD SURPLUS & WASTE MANAGEMENT

Food Tech Valley brings together industry, government and academia stakeholders.

Farmers / Producers
Startups & SMEs
Corporates
Incubators & Accelerators
Government & NGOs

Financial Institutions & Investors
Academia
International Organisations
Associations & Councils
Consultancy & Advisory

Companies across the whole business life cycle will find a viable offering



Food Tech Valley is designed to cater to companies in all stages of business maturity, from seed to maturity level.

Thank You

www.foodtechvalley.ae