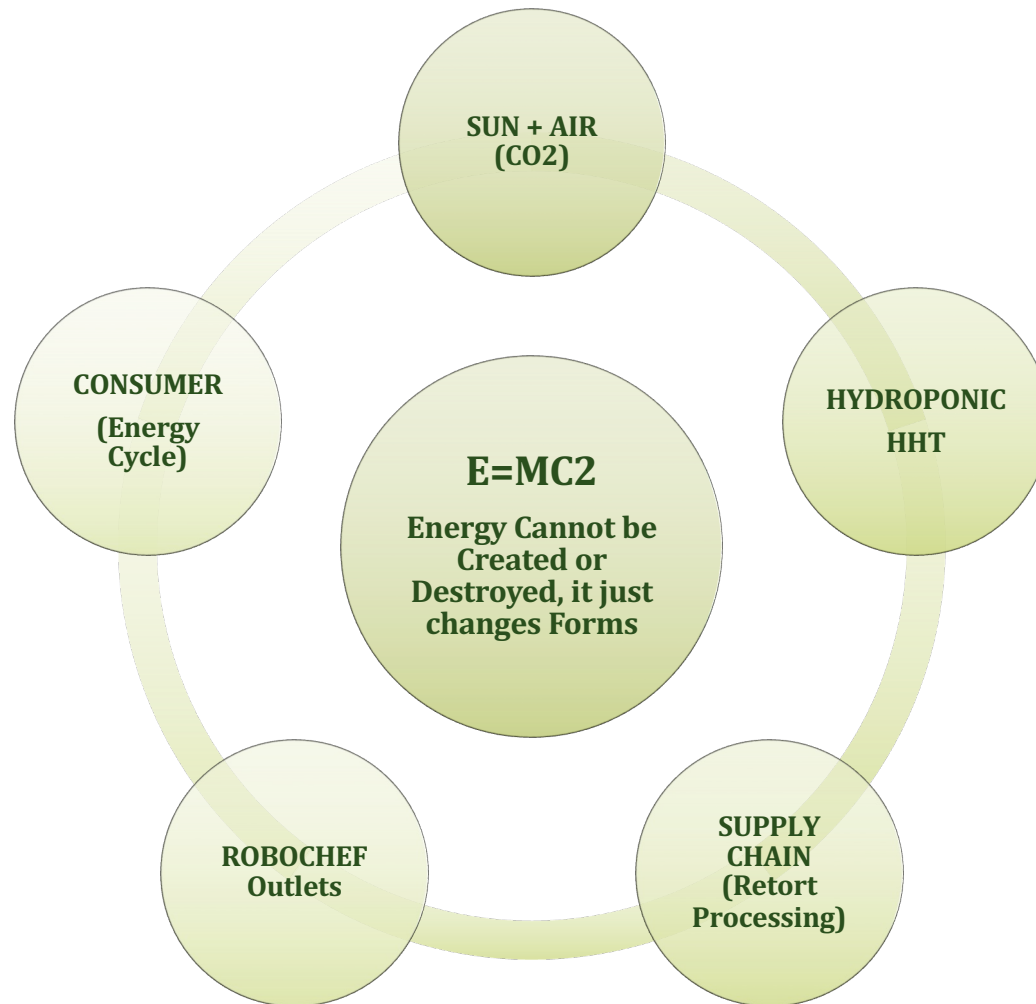


ROBOCHEF AI TECH (BSE Listed)



AGRI-TECH (HYDROPONICS)

Pioneered Hybrid
Hydroponic
Technology
(HHT)

FOOD-TECH (ROBOCHEF)

World's First AI
enabled Cloud
based Robotic
Chef

Revolutionizing the Future of Food

EXECUTIVE SUMMARY – ROBOCHEF & HYDROPONICS



RoboChef and Hydroponics are transforming the food service and agriculture sectors with cutting-edge AI-driven kitchen automation and sustainable farming technologies. RoboChef, the first AI-powered robotic chef, delivers consistent, hygienic, and customizable meals worldwide. Our Hybrid Hydroponic Technology (HHT) produces high-yield, pesticide-free crops using minimal water and energy.

Key Products & Services

- **RoboChef** : AI-enabled, cloud-based kitchen automation providing uniform taste and customization while reducing energy usage by 90%
- **Hybrid Hydroponics Technology (HHT)**: Soilless farming systems utilizing 90% less water, powered by solar energy and CO2 capture technology for enhanced sustainability

Market Opportunity

- **RoboChef** targets the \$168 billion global fast-casual dining market, fueled by rising consumer demand for quick, healthy, and personalized meals
- **Hydroponics** is positioned to meet the growing demand for fresh, locally grown food, with the market projected to reach \$61.79 billion by 2032

Growth & Expansion

- Active operations in the UAE, India, Singapore, France, Poland & other Countries, further expansion Globally underway
- Strategic partnerships with governments and institutions enhance our capacity for scaling both AI-driven food services and sustainable farming globally

Financial Overview

- **PROFIT growth from \$18 million in 2024 to over \$1 billion by 2030.**
- **Average Net Profit 55% of Revenue; and ROI of over 50% of Capex**
- **REVENUE** growth from \$31million in 2024 to over \$1.8 billion by 2030

Investment Ask : \$150 million in Equity

- Expand Grow meters for HHT Farming Operations in UAE, India, Singapore & Poland
- Continued R&D to bring staple crop production to cost parity with traditional farming
- Add Solar energy Installations and Agrivoltaics technologies to further reduce operational costs
- New Product development of Robo Pizza, Robo Bar & other Platforms

VISION & MISSION STATEMENT



HYDROPONICS –HHT

VISION: To revolutionize global agriculture by achieving **Cost Parity for Hydroponically grown Staple crops (Rice, Wheat, Maize)** with conventional farming, and leading the way toward a sustainable and resource-efficient future for essential food production

MISSION : Our mission is to enhance global food security and reduce environmental impact through innovative, cost-effective hydroponic & Carbon Capture solutions, delivering high-yield, pesticide-free crops year-round

ROBOCHEF

VISION : Revolutionizing fast-casual dining with AI-powered automation that delivers fresh, personalized meals globally

MISSION : To transform food service through cutting-edge robotic cooking solutions that enhance customization, reduce prep time, and elevate global food standards

COMPANY OVERVIEW



- **2013:**

- Dutch Oriental Megayachts LLC - Established in the UAE as a Megayacht Builder & Charter Company, known for innovative designs and technologies.
- Became the **largest operator of F&B cruises** in the UAE, & Launched the UAE's first superyacht floating hotel
- Employs **700+ multilingual staff** across the UAE, India, Singapore, France, and Poland.

- **2020 – Development of RoboChef Technology:**

- The COVID-19 pandemic drove the company's expansion into the **F&B sector**, leading to the creation of **RoboChef technology** to serve 1,000+ dinner cruise customers daily.
- **RoboChef outlets** were rolled out across multiple countries, along with the development of **Robobar**.
- **Trademarks registered** globally, with patents pending approval.

- **2024 – Hydroponics & Retort:**

- Began vertical integration into **hydroponics, aquaponics, vertical farming, and renewable energy solutions** to revolutionize food production.
- Acquired **250,000+ sqm** of land leases in India, UAE, and Poland to establish hydroponic farms, aiming to become the **largest hydroponic company in the world**
- Acquired pioneering **Hybrid Hydroponic Technology (HHT)**.
- Set up **retort food processing** in the UAE.

- **Q4 2024 – Merger with Listed Company on BSE:**

- Market capitalization on 26 Sep 2024 - **USD 2.6 billion** (848 million shares @ INR 255 / USD 3.04 per share).
- Maintains **ZERO DEBT**

FINANCIAL PROJECTIONS (USD)



(USD)	2024	2025	2026	2027	2028	2029	2030
HYDROPONIC REVENUE	1,466,300	13,033,212	33,560,060	119,272,300	295,936,600	587,673,200	1,169,046,400
ROBOCHEF REVENUE	29,608,715	47,450,154	77,608,637	139,930,462	252,967,451	411,406,209	659,405,822
TOTAL REVENUE (CAGR 97%)	31,075,015	60,483,366	111,168,697	259,202,762	548,904,051	999,079,409	1,828,452,222
HYDROPONIC EXPENSES	676,193	4,990,961	13,392,706	47,836,729	115,893,658	229,477,316	455,489,632
ROBOCHEF EXPENSES	12,241,081	20,803,883	36,094,652	70,053,207	134,055,682	220,313,829	358,891,416
TOTAL EXPENSES	12,917,274	25,794,844	49,487,358	117,889,936	249,949,340	449,791,145	814,381,048
TOTAL NET PROFIT (CAGR 95%)	18,157,741	34,688,522	61,681,339	141,312,825	298,954,712	549,288,264	1,014,071,174
NET PROFIT %	58.43%	57.35%	55.48%	54.52%	54.46%	54.98%	55.46%
NEW CAPEX (CUMMULATIVE)		22,720,000	69,700,000	283,800,000	650,900,000	1,298,050,000	2,590,475,000
INTERNAL ACCRUALS (CUMMULATIVE)	18,157,741	52,846,263	114,527,601	255,840,427	554,795,138	1,104,083,402	2,118,154,576
CAPITAL RAISING	150,000,000		250,000,000				
MARKET CAPITALIZATION (25 PE)	\$ 453 Million	\$ 867 Million	\$ 1.54 Billion	\$ 3.55 Billion	\$ 7.47 Billion	\$ 13.73 Billion	\$ 25.35 Billion

CAPITAL UTILISATION

- Expand Grow meters for HHT Farming Operations in UAE, India, Singapore & Poland
- Continued R&D to bring staple crop production to cost parity with traditional farming
- Add Solar energy Installations and Agrivoltaics technologies to further reduce operational costs
- New Product development of Robo Pizza, Robo Bar & other Platforms

FINANCIAL PROJECTIONS (INR CRORES)



(INR)	2024	2025	2026	2027	2028	2029	2030
HYDROPONIC REVENUE	12	109	282	1,002	2,486	4,936	9,820
ROBOCHEF REVENUE	249	399	652	1,175	2,125	3,456	5,539
TOTAL REVENUE (CAGR 97%)	261	508	934	2,177	4,611	8,392	15,359
HYDROPONIC EXPENSES	6	42	112	402	974	1,928	3,826
ROBOCHEF EXPENSES	103	175	303	588	1,126	1,851	3,015
TOTAL EXPENSES	109	217	416	990	2,100	3,778	6,841
TOTAL NET PROFIT (CAGR 95%)	153	291	518	1,187	2,511	4,614	8,518
NET PROFIT %	58.4%	57.4%	55.5%	54.5%	54.5%	55.0%	55.5%
NEW CAPEX (CUMMULATIVE)		191	585	2,384	5,468	10,904	21,760
INTERNAL ACCRUALS (CUMMULATIVE)	153	444	962	2,149	4,660	9,274	17,792
CAPITAL RAISING	1,260		2,100				
MARKET CAPITALIZATION (25 PE) Rs Crore	3,813 Cr	7,285 Cr	12,953 Cr	29,676 Cr	62,780 Cr	115,351 Cr	212,955 Cr

CAPITAL UTILISATION

- Expand Grow meters for HHT Farming Operations in UAE, India, Singapore & Poland
- Continued R&D to bring staple crop production to cost parity with traditional farming
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- New Product development of Robo Pizza, Robo Bar & other Platforms

PROFORMA FINANCIAL - HISTORICAL COMPARISON



(Rs Crores)	2024	2023	2022	2021
HYDROPONIC REVENUE	12.32	-	-	-
ROBOCHEF REVENUE	248.71	154.76	124.35	73.08
TOTAL REVENUE	261.03	154.76	124.35	73.08
HYDROPONIC EXPENSES	5.68	-	-	-
ROBOCHEF EXPENSES	102.83	53.92	48.59	29.11
TOTAL EXPENSES	108.51	53.92	48.59	29.11
TOTAL NET PROFIT (CAGR 51.5%)	152.53	100.84	75.76	43.97
NET PROFIT %	58.4%	65.2%	60.9%	60.2%
Growth YOY	69%	24%	70%	
NET PROFIT GROWTH YOY %	51%	33%	72%	

(USD)	2024	2023	2022	2021
HYDROPONIC REVENUE	1,466,300	-	-	-
ROBOCHEF REVENUE	29,608,715	18,424,015	14,803,596	8,699,689
TOTAL REVENUE	31,075,015	18,424,015	14,803,596	8,699,689
HYDROPONIC EXPENSES	676,193	-	-	-
ROBOCHEF EXPENSES	12,241,081	6,419,598	5,784,660	3,465,230
TOTAL EXPENSES	12,917,274	6,419,598	5,784,660	3,465,230
TOTAL NET PROFIT (CAGR 51.5%)	18,157,741	12,004,418	9,018,936	5,234,459
NET PROFIT %	58.4%	65.16%	60.92%	60.17%
Growth YOY	69%	24%	70%	
NET PROFIT GROWTH YOY %	51%	33%	72%	

AGRITECH – WHAT WE DO IN HYDROPONICS



Soilless Farming Systems

Hydroponics & aquaponics use 90% less water, no pesticides, and produce premium vegetables, herbs, and flowers



Hybrid Hydroponic Technology (HHT)

Innovative System Combining the drainage efficiency of Dutch buckets with the flexibility of grow bags.



Indoor Vertical Farming

Maximizing urban space with year-round, high-yield crops grown in stacked layers



Agrivoltaics

Solar powers HVAC systems, reducing energy costs and carbon emissions



Staple Crop R&D

Developing cost-effective methods for soilless growth of staple crops (rice, wheat, maize) aiming for cost parity with traditional farming



Retort Processing

Supply Chain for Ready to Cook Fresh Foods with original taste without Preservatives



Global Footprint

- UAE: 128,000 sqm hydroponic farm
- India: 200,000 sqm multiple farms
- Poland: 15,000 sqm farm for Europe
- Singapore: 12,000 m Urban Vertical Farm



Specialised Packaging

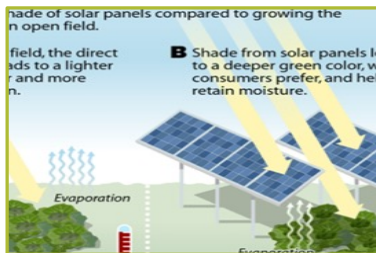
Developed for 2 Years Shelf Life at Room Temperature

OUR TECHNOLOGY ADVANTAGE



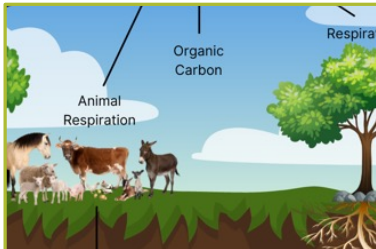
HHT (Hybrid Hydroponic Technology)

- Innovatively Combines the drainage efficiency of Dutch buckets with the flexibility of grow bags.
- Optimized Growth: Controls nutrients effectively, reducing waste and maximizing growth.
- Scalable: Modular design allows easy expansion for various crops.



Solar Integration

- Agrivoltaics tech powers HVAC systems, reducing energy costs
- Cost Savings: Lowers operational costs by minimizing electricity expenses
- Eco-Friendly: Reduces emissions, supporting sustainability goals.



CO2 Utilization & Carbon Capture

- Captures and recirculates CO2 in a closed Loop to boost plant growth (eg Integrating mushrooms and CO2-hungry greens).
- Enhanced Yields: CO2 increases photosynthesis and productivity.
- Environmental Benefit: Reduces greenhouse gas emissions.



Seed-Level Research

- Precision Seeds: Develops crop varieties tailored for hydroponics.
- AI improves seed genetics for better adaptability. Seed training through Evolution
- Competitive Edge: Enables growth of specialized, high-value crops.



OUR ECONOMIC ADVANTAGE



Lower Costs & Higher Yields

- Cost Efficiency: HHT & Solar reduce Input costs.
- R&D, CO₂ Capture & HHT deliver up to 50% higher yields.
- Economies of Scale from Multi Country & Large farms.



Efficient Supply Chain

- Strategic Locations: Producing in high-consumption areas like UAE and Singapore minimizes transport costs.
- Retort Technology: Extends shelf life, reducing waste and improving profitability.



Higher Price Realization & Captive Consumption

- RoboChef Chain: Built-in demand through restaurant franchises and cruise partnerships.
- Premium Pricing: Grows high-value crops timed for off-season demand.
- Food Security: Partnerships with governments ensure long-term, stable agreements.

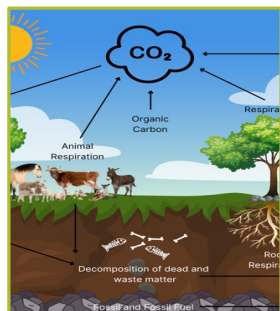
COST PARITY - STAPLES WITH CONVENTIONAL FARMING



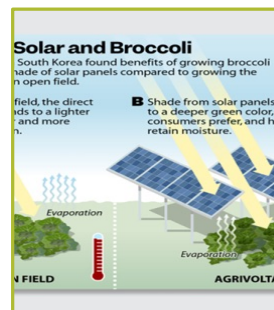
R&D Innovations for Cost-Effective Soilless Farming :
Pioneered Hybrid Hydroponic Technology



Seed-Level Innovation :
Developing crops optimized for controlled environments, improving yields, and reducing waste



CO2 Utilization & Carbon Capture : Capturing CO2 to boost plant growth; integrating mushrooms and CO2-hungry greens for a closed-loop system



Agrivoltaics : Solar panels provide renewable low cost energy for temperature control and automation



Key Partnership :
Collaborating with Panjab Agriculture University, a global leader in agricultural R&D



Government Support :
Leveraging local food production and sustainability policies in the UAE, Singapore, and India

HYDROPONICS - MARKET OPPORTUNITY



Global Hydroponics

- **Market Size** : USD 28.62 billion (2023) projected to reach USD 61.79 billion by 2032 at a CAGR of 8.93%

UAE Hydroponics

- **Market Size** : AED 1656 Mn (2021) projected to grow to AED 12,892 Mn by 2030, with a CAGR of 26.3%
- **Key Drivers** :
 - National Food Security Strategy 2051
 - Desert climate necessitating Controlled Environment Agriculture (CEA)
 - Strong government incentives for sustainability and innovation

India Hydroponics

- **Growth** : CAGR of 17.6% (2024-2034), increasing from USD 3.2 Billion to \$6.8 Billion
- **Key Drivers** :
 - Urban demand for fresh, pesticide-free produce
 - Policies like Atmanirbhar Bharat promoting Agri-tech
 - Rising awareness of sustainable, water-efficient farming

Europe Hydroponics

- **Market Size** : USD 8.1 billion (2023) projected to reach USD 10.87 billion by 2030
- **Key Drivers** :
 - European Green Deal supporting sustainable agriculture
 - High urbanization with strong demand for locally grown food
 - Advanced R&D and investment in vertical farming

Singapore Hydroponics

- **Growth** : Expected to grow at 13-15% CAGR from USD 80 million (2023)
- **Key Drivers** :
 - 30 by 30 plan targeting 30% local food production by 2030
 - Innovation driven by limited arable land
 - Strong government support for Agri-tech and vertical farming

HYDROPONICS – FINANCIAL PROJECTIONS



HYDROPONICS (USD)			2024	2025	2026	2027	2028	2029	2030
UAE (Hydroponics)	GROW METERS	AVG/M	8,000	125,000	250,000	750,000	2,250,000	4,500,000	9,000,000
	REVENUE / METER	\$ 66.00	528,000	8,250,000	16,500,000	49,500,000	148,500,000	297,000,000	594,000,000
INDIA (Hydroponics)	GROW METERS		10,000	77,200	386,000	1,930,000	3,860,000	7,720,000	15,440,000
	REVENUE / METER	\$ 27.71	277,100	2,139,212	10,696,060	53,480,300	106,960,600	213,921,200	427,842,400
POLAND (Hydroponics)	GROW METERS		6,000	12,000	36,000	108,000	324,000	648,000	1,296,000
	REVENUE / METER	\$ 99.00	594,000	1,188,000	3,564,000	10,692,000	32,076,000	64,152,000	128,304,000
SINGAPORE (IVF)	GROW METERS		600	13,000	25,000	50,000	75,000	112,500	168,750
	REVENUE / METER	\$ 112.00	67,200	1,456,000	2,800,000	5,600,000	8,400,000	12,600,000	18,900,000
REVENUE	GROW METERS		24,600	227,200	697,000	2,838,000	6,509,000	12,980,500	25,904,750
	REVENUE / METER	\$ 59.61	1,466,300	13,033,212	33,560,060	119,272,300	295,936,600	587,673,200	1,169,046,400
EXPENSES	UAE AGRO	31%	163,680	2,557,500	5,115,000	15,345,000	46,035,000	92,070,000	184,140,000
	INDIA AGRO	43%	119,153	919,861	4,599,306	22,996,529	45,993,058	91,986,116	183,972,232
	POLAND AGRO	60%	356,400	712,800	2,138,400	6,415,200	19,245,600	38,491,200	76,982,400
	SINGAPORE IVF	55%	36,960	800,800	1,540,000	3,080,000	4,620,000	6,930,000	10,395,000
HYDROPONIC COST		46%	676,193	4,990,961	13,392,706	47,836,729	115,893,658	229,477,316	455,489,632
HYDROPONIC NET PROFIT		54%	790,107	8,042,251	20,167,354	71,435,571	180,042,942	358,195,884	713,556,768

HYDROPONICS - UAE RAK FARM (76,000 GROW METERS - AED)



76000 SQM GROW AREA - 33 ACRE FARM	TOTAL AED	COLORED CAPSICUM	ENGLISH CUCUMBER	SNACK CUCUMBER	BEEF STEAK TOMATO	HEIRLOOM TOMATO	CHERRY LOOSE	CHERRY VINE	LETTUCE LOLOROSA	LETTUCE OAK LEAF	BABY LEAVES & HERBS	JALAPENO	GREEN CHILLY	POTATO	CAPSICUM + OKRA	EDIBLE FLOWERS
GROW AREA TYPE		POLYHOUSE							HIGH POLYHOUSE		TANDEM	POLYHOUSE		NET HOUSE		CONTR
GROW AREA SQM	70,060	4,000	4,000	6,000	6,000	4,000	4,000	4,000	4,000	4,000	6,000	4,000	4,000	8,000	8,000	60
Production/year Kg	2,452,200	90,000	216,000	324,000	240,000	160,000	112,000	112,000	216,000	216,000	198,000	104,000	80,000	160,000	208,000	16,200
Production/Sqm	35.00	22.50	54.00	54.00	40.00	40.00	28.00	28.00	54.00	54.00	33.00	26.00	20.00	20.00	26.00	270.00
Wholesale Avg Rate	6.96	5.00	2.50	2.25	4.00	14.00	6.00	12.00	10.00	10.00	18.00	6.00	8.00	2.00	2.00	15.00
TOTAL SALES - AED	17,062,000	450,000	540,000	729,000	960,000	2,240,000	672,000	1,344,000	2,160,000	2,160,000	3,564,000	624,000	640,000	320,000	416,000	243,000
# Workers	56.00	3.00	3.00	6.00	6.00	4.00	4.00	4.00	3.00	3.00	6.00	3.00	3.00	4.00	3.00	1.00
VARIABLE COST Labor, Seed, Power..	2,454,800	130,500	149,400	264,600	252,000	171,000	163,800	163,800	153,400	153,400	242,700	132,600	129,000	166,000	148,200	34,400
FIXED COST Mgmt., Dep. ..	2,870,756	146,950	167,380	234,925	234,400	236,600	159,800	190,040	272,280	272,280	394,120	160,600	158,200	70,400	74,720	26,115
NET PROFIT / YEAR	11,736,444	172,550	223,220	229,475	473,600	1,832,400	348,400	990,160	1,734,320	1,734,320	2,927,180	330,800	352,800	98,000	156,040	178,379
NP %	69%	38%	41%	31%	49%	82%	52%	74%	80%	80%	82%	53%	55%	31%	38%	73%
CAPEX AMT	13,220,600	820,000	820,000	1,230,000	1,230,000	820,000	820,000	820,000	1,140,000	1,140,000	1,710,000	860,000	860,000	400,000	400,000	150,600
ROI	89%	21%	27%	19%	39%	223%	42%	121%	152%	152%	171%	38%	41%	25%	39%	118%

HYDROPONICS - INDIA FARM (48,000 GROW METERS INR)



48,000 SQM GROW AREA - 20 ACRE FARM	TOTAL INR	COLORED CAPSICUM	GREEN CAPSICUM	ENGLISH CUCUMBER	SNACK CUCUMBER	HEIRLOOM TOMATO	ROUND TOMATO	CHERRY TOMATO	LETTUCE LOLOROSA	LETTUCE OAK LEAF	BABY LEAVES & HERBS	JALAPENO	GREEN CHILLY
GROW AREA SQM	48,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000
Production/year Kg	1,755,600	90,000	104,000	216,000	216,000	158,400	105,600	129,600	216,000	120,000	104,000	216,000	80,000
Production/Sqm	36.575	22.50	26.00	54.00	54.00	39.60	26.40	32.40	54.00	30.00	26.00	54.00	20.00
Wholesale Avg Rate	63.49	60.00	40.00	25.00	32.00	30.00	40.00	85.00	100.00	125.00	75.00	100.00	45.00
TOTAL SALES - INR	111,464,000	5,400,000	4,160,000	5,400,000	6,912,000	4,752,000	4,224,000	11,016,000	21,600,000	15,000,000	7,800,000	21,600,000	3,600,000
# Workers	50.00	4.17	4.17	4.17	4.17	4.17	4.17	4.17	4.17	4.17	4.17	4.17	4.17
VARIABLE COST Labor, Seed, Power..	23,746,800	1,810,000	1,852,000	2,188,000	2,188,000	2,015,200	1,856,800	1,928,800	2,188,000	1,900,000	1,852,000	2,188,000	1,780,000
FIXED COST Mgmt., Dep, ..	24,480,000	2,040,000	2,040,000	2,040,000	2,040,000	2,040,000	2,040,000	2,040,000	2,040,000	2,040,000	2,040,000	2,040,000	2,040,000
NET PROFIT / YEAR	63,237,200	1,550,000	268,000	1,172,000	2,684,000	696,800	327,200	7,047,200	17,372,000	11,060,000	3,908,000	17,372,000	(220,000)
NP %	57%	29%	6%	22%	39%	15%	8%	64%	80%	74%	50%	80%	-6%
CAPEX @150/Sqft	120,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
ROI	53%	16%	3%	12%	27%	7%	3%	70%	174%	111%	39%	174%	-2%

HYDROPONICS – INVESTMENT HIGHLIGHTS



Pioneering Hybrid Hydroponic Technology (HHT)

- Boosts crop yields while minimizing resource usage, positioning us as leaders in modern agriculture

Sustainable Solutions

- Focus on water conservation, reduced land use, and chemical-free farming aligns with global concerns over food security and environmental impact

Market Growth

- The hydroponics market is poised for exponential growth, driven by demand for fresh, locally grown food. Our scalable solutions are primed to capture significant market share

Year-Round Production

- Advanced technology enables consistent, climate-resilient crop supply, enhancing reliability for partners and customers

HYDROPONICS – INVESTMENT HIGHLIGHTS



Cost Parity with Traditional Farming

- We're developing cost-effective methods to grow staple crops (rice, wheat, maize), unlocking new markets and making hydroponics more accessible

Global Expansion

- Scalable solutions adaptable to various regions offer opportunities for international growth and partnerships.

Strong R&D Commitment

- A dedicated R&D team ensures continuous innovation, keeping us ahead of industry trends and consumer demands

Environmental Impact

- Our eco-friendly solutions lower carbon footprints and support sustainable farming, contributing to global environmental goals

Proven Leadership

- Led by experts with extensive agriculture and sustainability experience, we have the vision and expertise to drive this venture to success



ROBOCHEF

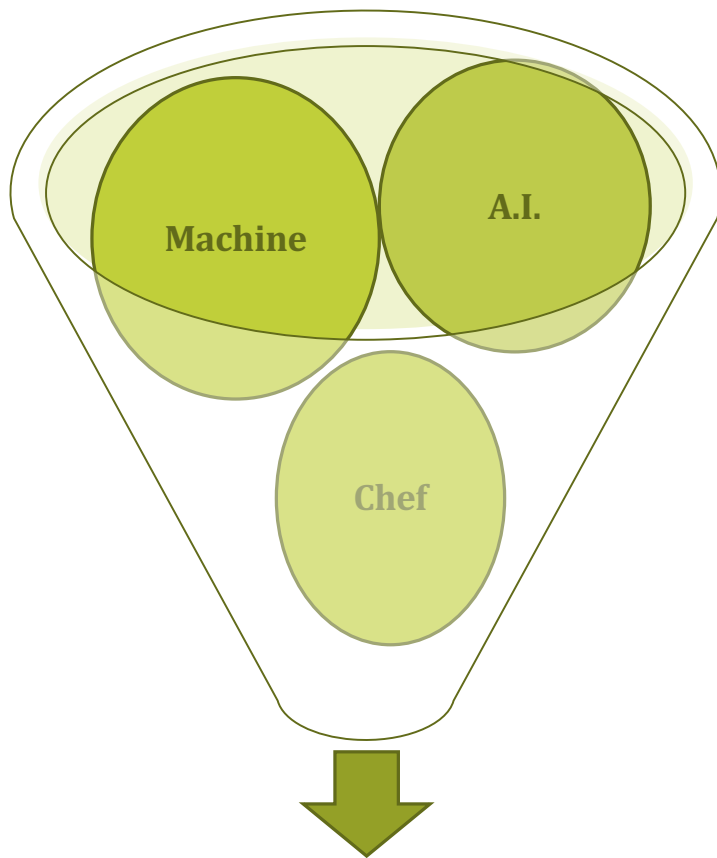
Dutch  *Oriental*



Revolutionizing Global Fast-Casual Dining with AI-Driven Automation

FAST, FRESH & DELICIOUS

ROBOCHEF CONCEPT & COMPETITIVE ADVANTAGE



ROBOCHEF

Concept

- **World's First AI-Enabled, Cloud-Based Robotic Chef** : RoboChef integrates AI, cloud learning, and robotics to transform kitchen automation
- **Innovative Machine** Combines the creativity of chefs with machine precision and AI decision-making for optimal cooking
- **Hygienic Operations** - No human touch, cooks at 400°C to eliminate contamination risks, and features **Auto-Cleaning** for maximum sanitation

Competitive Advantage

- **Cost Efficiency** : Compact design allows 24/7 operation, enhancing productivity and **reducing Labor Costs (Replacing Chefs)**
- **Sustainability** : Eco-friendly design consumes up to **90% Less Energy** than traditional appliances, significantly lowering its carbon footprint
- **Consistency** : Delivers the same flavor profile and taste worldwide, ensuring a uniform culinary experience
- **Customization** : Stores diverse cooking styles and recipes in the cloud, accessible globally
- **Scalability** : Adapts easily to various settings, from kiosks to full-scale restaurants



PROBLEM



SOLUTION

ROBOCHEF



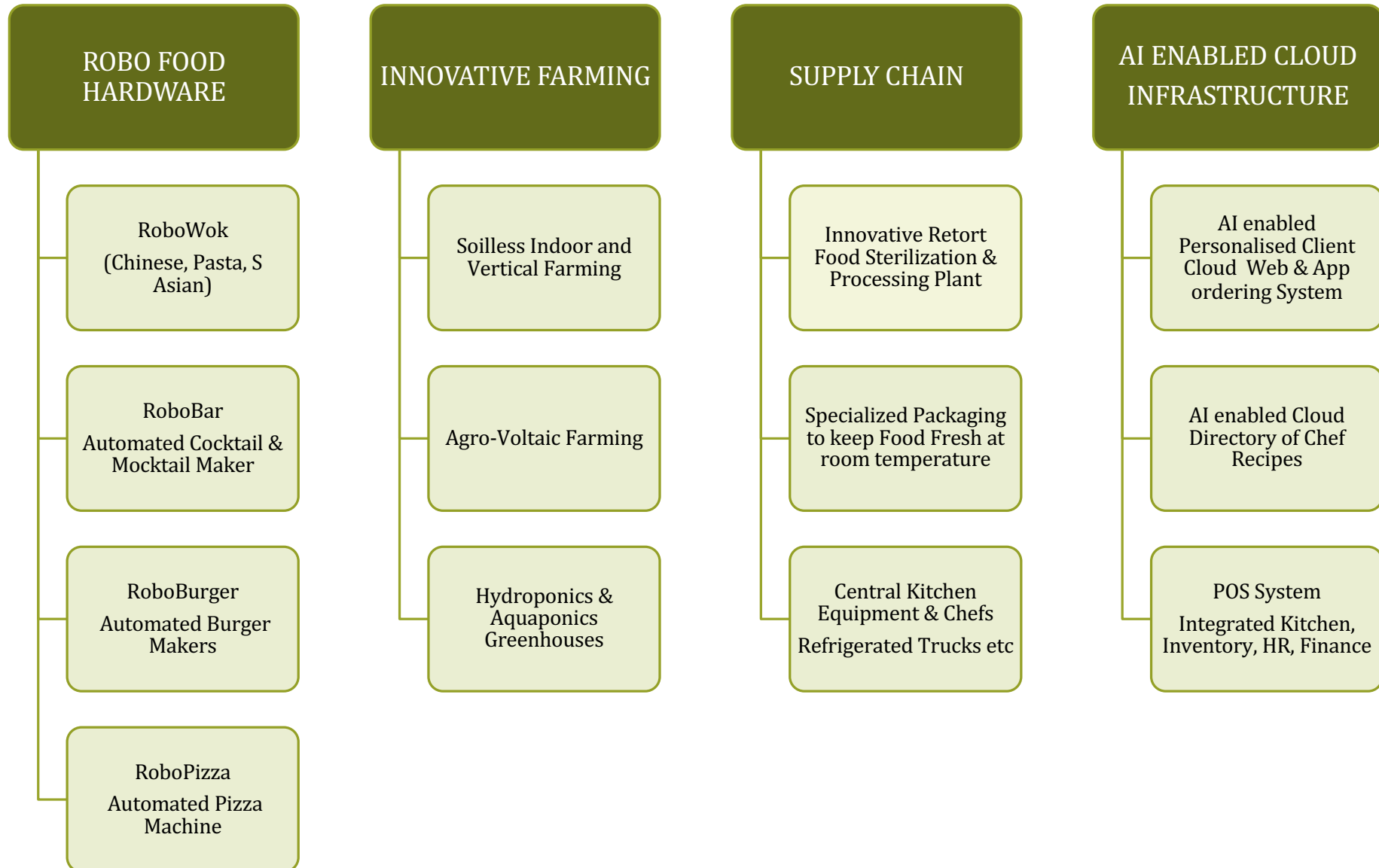
99.8% accuracy in preparation through AI and cloud-based learning

Reduction in labor costs due to automation

Energy-efficient, sustainable operations with minimal environmental impact

Giving Customers Choice of Food & Chef

ROBOCHEF – ECO SYSTEM



END CUSTOMER WEB/ APP SEAMLESS DISH CREATION & ORDERING



CHOOSING / CREATING A ONLINE DISH

- Customer Logs in as Guest or Registered
- Registered Users All Past Preferences show up & single Click
- Selects Create Own Dish or Popular Dishes
- Selects the Ingredients and Nutrition Facts show up
- Simple Checkout ; Options to Buy Other Products



Create Your Own Dish

Click Here



Signature Item

Click Here

Price
AED19.95

Choose Your meat/veggies (Cabbage,Carrot,Onion & Included)

☐ Chicken

☐ Prawns

☒ Calamari

☐ Tofu

☐ Mushroom

☐ Spinach

☐ Baby Corn

☐ Cherry Tomato

☐ Broccoli

☒ Bok Choi

☐ Beef

Choose your Sauce

☐ Dark Soy & Ginger

☒ Sweet & Sour

☐ Teriyaki

☐ Oyster Sauce

Noodles

Noodles	AED19.95	+	-
Egg Noodles	AED19.95	+	-
Pad Thai noodles	AED19.95	+	-
Rice noodles	AED19.95	+	-
Whole-Wheat Noodles	AED19.95	+	-

Rice

Rice	AED19.95	+	-
White Jasmine Rice	AED19.95	+	-
Brown Rice	AED19.95	+	-

Bowls

Bowls	AED29.50	+	-
Mix vegetables	AED29.50	+	-
Quinoa	AED29.50	+	-
Chicken	AED29.50	+	-
Prawns	AED29.50	+	-
Beef Meat Balls	AED29.50	+	-

Pasta

Pasta	AED19.95	+	-
Pasta spaghetti	AED19.95	+	-
Pasta penne	AED19.95	+	-

Your Order [Clear Order]

Noodles

1 Egg Noodles AED19.95

Choose Your meat/veggies (Cabbage,Carrot,Onion & Bean Sprouts already included)

1x 0.00 Calamari -

1x 0.00 Bok Choi -

Choose your Sauce

1x 0.00 Sweet & Sour -

Drinks

1x 4.95 Water Large AED4.95

Sub Total AED24.90

Total AED24.90

Options

Pickup

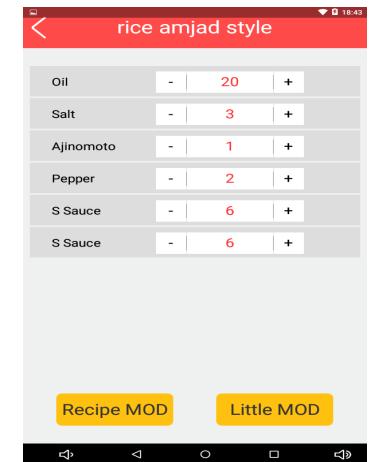
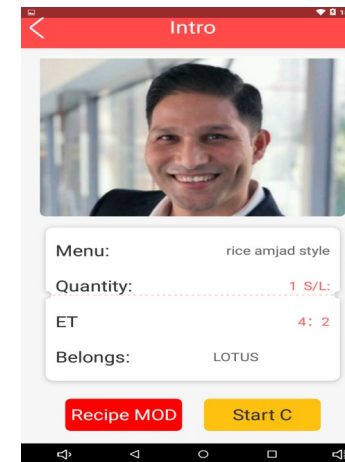
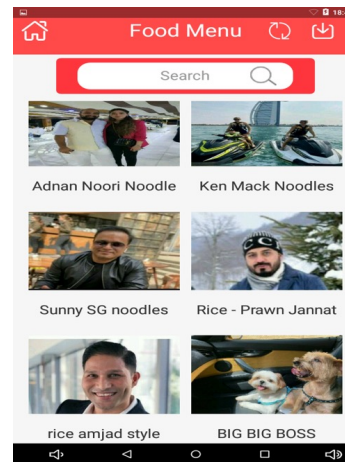
May 09,2021

7:45:00 am

Checkout

CHOOSING / CREATING A COOKING STYLE

- Customer can choose his Chef from Library of Celebrity Chefs (Like Choosing Music from App Store)
- Customer Self Programmed/ Created Dishes
- Or Create a new Cooking Style Dish and upload onto Cloud for Future use/ Sharing with Friends
- Anytime for any dish Customer has the option to alter Contents (Oil, Spices, Sauces)
- AI In the machine learns and cooks same way as Chef Programmed



ROBOWOK AUTOMATED COOKING – NO HUMAN CONTACT AFTER LOADING CARTRIDGE



Prepare Cartridge / Buy Readymade



Load Cartridge



Choose Cooking Style



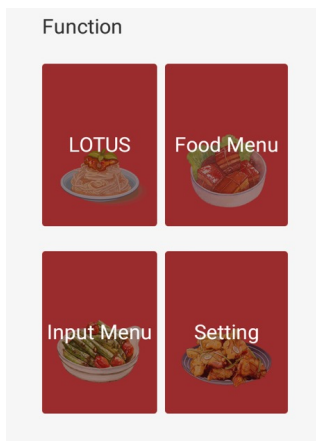
Auto Cooking



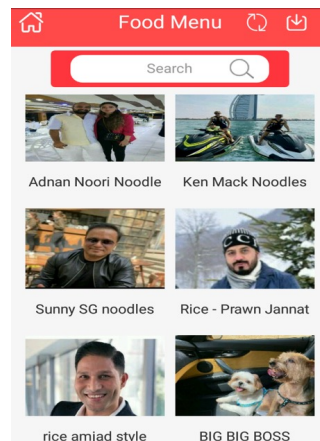
Auto Ingredient Dispenser



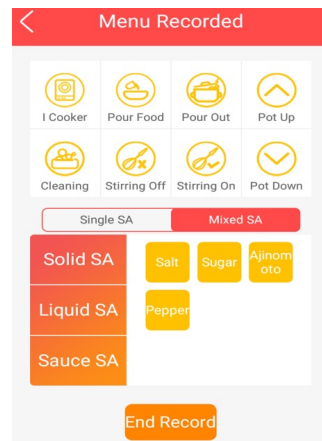
Customised Menu



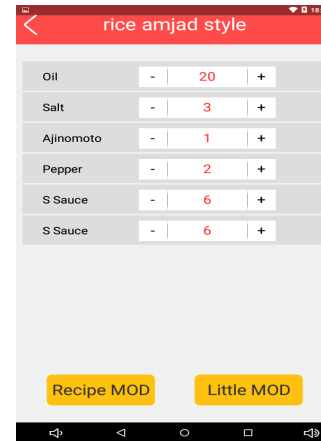
Chef Dishes On Cloud



Create New Style



Edit Cooking Style



Ready In 3 Minutes, Auto Pour & Auto Clean



ROBOBAR CONCEPT & FEATURES



- World's First Artificial Intelligence enabled Cloud based Robotic Bar, combining Skills of a Mixologist with Medicinal Precision, Speed of a Machine and Intelligence of AI
- **ROBOBAR** Learns & Stores on Cloud – Any personalised style of Cocktails/Mocktails made Physically or Digitally by any Bar tender/ Person and at a touch of a button recreates exactly the same drink with 99.8% Precision (more precise than same Bar Tender making the drink again)
- Consistent Taste globally, Hygienic, Efficient & Eco Friendly
- Android based operable from Mobile App
- **DISPENSING SYSTEM – AI Controlled in any sequence / Combination**
 - 18 types of Liquors – 2 litres Each
 - 18 Types of Refrigerated Juices / Mixers – 5 Litres each
 - 5 Type of Carbonated beverages – 10 litres Each
 - Ice Cubes – Customised Quantity of Cube or Crushed ice
 - Lemon – Auto Cuts Fresh & Dispenses Customised size Wedges
 - Mint leaves – Customised Quantity
 - Muddler – Customised Pressure and Muddling
 - 3 Conveyor system with various types of Serving Glasses (Whisky, Beer, Martini etc)
 - Average time for a Cocktails – 20 Seconds

SCOPE OF THE ROBOCHEF



STATIONERY KIOSK

- Stationary food Kiosk / 20 Ft Container Size
- Can be easily placed at tourist hot-spots
- Easy relocation in comparison to brick & mortar based restaurant
- Low initial investment and lesser cost of operations

MOBILE FOOD TRUCK

- Movable food truck based POS
- Easy to move from place to place covering larger area
- Can be moved to private booking locations
- Lesser fixed running cost compared to any other mode
- Smaller in size – more reach to areas having tighter spaces

FOOD COURT/ CANTEEN /HOSPITALS

- Revenue stream from cartridge sales
- Faster speed – lesser waiting time for customers
- Lower initial cost
- More returns as these areas have good footfall

HOTELS/RESTURANTS

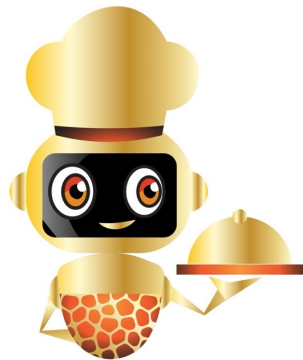
- Advantage of 24X7 availability
- Advantage of 'always the same' good taste
- Quicker service
- Lesser man-power needed
- Reduced overall cost of operations



ROBOCHEF GLOBALLY

- DUBAI
 - Marina Plaza
 - JBR
 - World Trade Center
 - ENOC gas Stations
 - Cruises – Lotus; Ocean Empress; Al Mansour
- SINGAPORE
- INDIA
- MYANMAR
- POLAND
- FRANCE
- REUNION ISLANDS
- AUSTRALIA
- MORE LOCATIONS
 - Opening soon ...

ROBOCHEF BRANDS & KIOSK FORMATS



ROBOCHEF – MARKET OPPORTUNITY



Total Addressable Market

- Global Fast-Casual Dining Market (2023) : \$168 billion
- Projected Global Fast-Casual Dining Market (2023) : \$302 billion

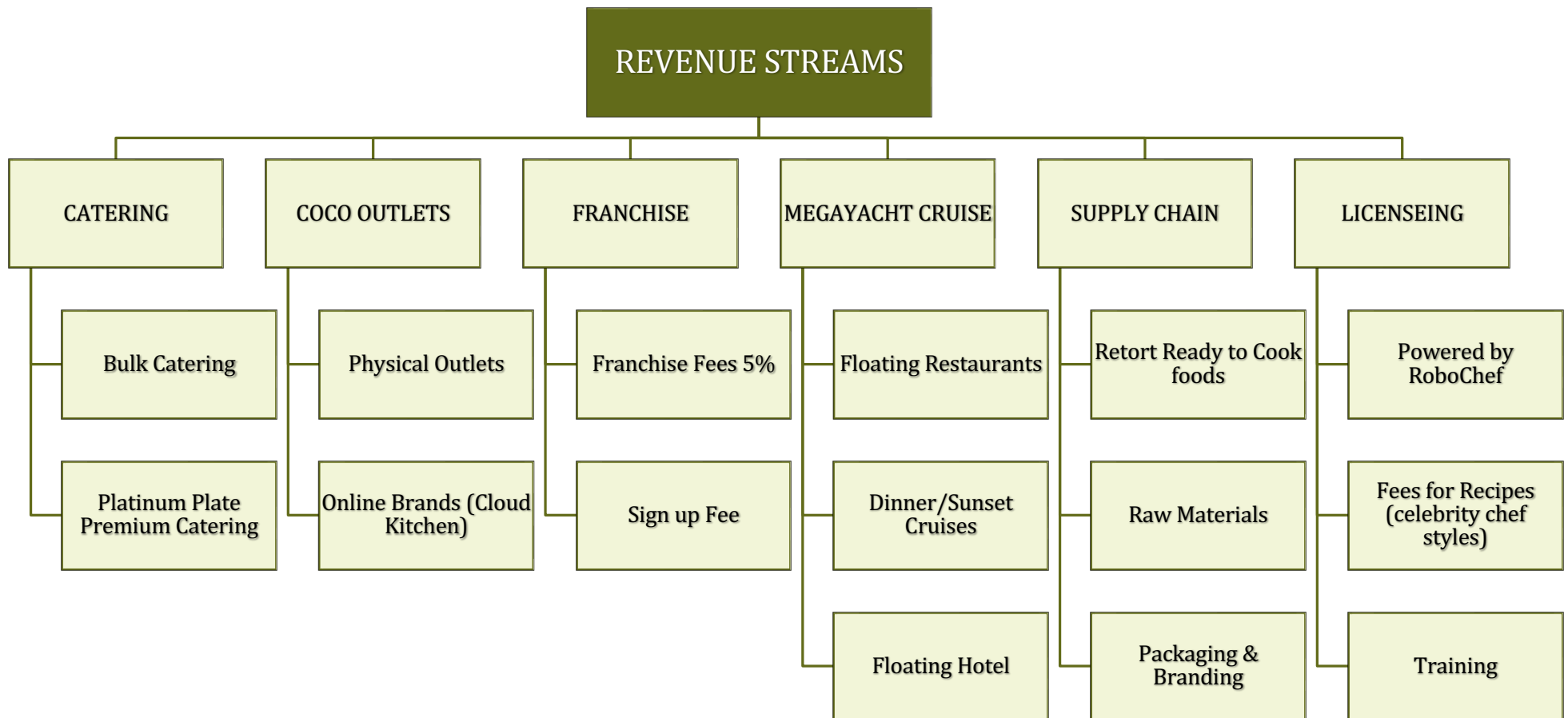
Growing Trends

- Demand for healthy, personalized meals
- Increasing preference for hygienic and automated solutions
- Expanding middle-class with disposable income

Target Market

- Global Geographical Presence (Middle East, Europe, North & South America, Asia & Australia)
- Urban centers, malls, airports, universities and high-footfall locations

ROBOCHEF - BUSINESS MODEL



ROBOCHEF – FINANCIAL PROJECTIONS



ROBOCHEF (F&B) USD			2024	2025	2026	2027	2028	2029	2030
CATERING			4,084,967	7,352,941	13,235,294	23,823,529	42,882,353	77,188,235	115,782,353
COCO OUTLETS			1,307,190	4,357,298	10,893,246	27,233,115	68,082,789	102,124,183	153,186,275
FRANCHISE			90,000	1,650,000	4,200,000	12,600,000	25,200,000	50,400,000	100,800,000
MEGAYACHT CRUISES			23,407,342	31,854,402	43,873,670	61,120,984	86,054,052	122,328,170	175,388,763
SUPPLY CHAIN (RETORT)			719,216	2,235,512	5,406,427	15,152,832	30,748,257	59,365,621	114,248,431
TOTAL ROBOCHEF REVENUE			29,608,715	47,450,154	77,608,637	139,930,462	252,967,451	411,406,209	659,405,822
EXPENSES	CATERING	42%	1,715,686	3,088,235	5,558,824	10,005,882	18,010,588	32,419,059	48,628,588
	COCO OUTLETS	68%	888,889	2,962,963	7,407,407	18,518,519	46,296,296	69,444,444	104,166,667
	FRANCHISE	25%	22,500	412,500	1,050,000	3,150,000	6,300,000	12,600,000	25,200,000
	MEGAYACHT CRUISES	38%	8,894,790	12,104,673	16,671,995	23,225,974	32,700,540	46,484,704	66,647,730
	SUPPLY CHAIN	75%	719,216	2,235,512	5,406,427	15,152,832	30,748,257	59,365,621	114,248,431
TOTAL ROBOCHEF COST		41%	12,241,081	20,803,883	36,094,652	70,053,207	134,055,682	220,313,829	358,891,416
ROBOCHEF NET PROFIT		59%	17,367,634	26,646,271	41,513,985	69,877,254	118,911,770	191,092,380	300,514,406



SAMPLE BUDGETING FOR A ROBOCHEF OUTLET

TEMPLATE FOR DUBAI OUTLET USD	TOURIST FIXED TRUCK	MALL FIXED SHOP	OFFICE FIXED CANTEEN	MOBILE VAN
VAT %	4.76	4.76	4.76	4.76
CREDIT CARD FEE %	2.00	2.00	2.00	2.00
RAW MATERIAL %	25.00	25.00	25.00	25.00
FRANCHISE FEE %	5.00	5.00	5.00	5.00
TOTAL VARIABLE COST	36.76	36.76	36.76	36.76
GROSS PROFIT	63.24	63.24	63.24	63.24
POS CLERK SALARY	959	959	959	959
OPERATOR & STAFF SALARY	4,795	4,795	2,877	2,877
UTILITIES	548	548	548	548
MISC.	548	548	548	548
LOCATION RENT	6,849	10,959	-	-
TOTAL FIXED COST	13,699	17,808	4,932	4,932
BREAKEVEN REVENUE	21,662	28,161	7,798	7,798
PRICE PER MEAL AED (Main Course + Drinks)	\$ 8.22	\$ 8.22	\$ 5.48	\$ 8.22
BREAKEVEN MEALS DAILY	88	114	47	32
BEST CASE SCENARIO MEALS DAILY	400	300	200	300
REVENUE MONTHLY	98,630	73,973	32,877	73,973
NET PROFIT MONTHLY	\$ 48,673	\$ 28,971	\$ 15,859	\$ 41,847
AVG CASE SCENARIO MEALS DAILY	200	150	100	150
REVENUE MONTHLY	49,315	36,986	24,658	36,986
NET PROFIT MONTHLY	\$ 17,487	\$ 5,581	\$ 10,661	\$ 18,458
CAPEX /OUTLET (USD)	68,493	136,986	41,096	95,890

CRUISES – OPERATED & CATERED BY ROBOCHEF



TYPE	Description	Length	Guests
MEGA YACHTS	LOTUS ROYALE	250 Ft / 75 m	800
	LOTUS	240 Ft / 73 m	500
	DESERT ROSE	155 Ft / 47 m	300
	BLUE IVY	150 Ft / 45 m	250
	LADY T	150 Ft / 45 m	150
SUPER YACHTS	Arabian Pearl	101 Ft / 30 m	90
	Virgo	90 Ft / 28 m	90
	Ocean Pearl	95 Ft / 29 m	65
	Venus	85 Ft / 26 m	65
	Apollo	85 Ft / 26 m	45
	Pluto	85 Ft / 26 m	45
YACHTS	Athena	65 Ft / 20 m	12
	Titan	60 Ft / 18 m	12
	Calypso	45 Ft / 14 m	18
	Tour Boats (6 Nos)	30 Ft / 9 M	8
TRADITIONAL	Ocean Empress	155 Ft / 47 m	500
	Al Mansour - Dhow	135 Ft / 40 m	240
SUPERYACHT HOTEL	ORCHID	31 Rooms/Suites	
	3 Units under construction	132 Rooms / Suites	

GLOBAL TEAM



- Vikas Goel is a globally recognized serial entrepreneur. In 2000 (Singapore), he founded a small company and transformed it into a \$2 billion enterprise in IT distribution and PC manufacturing with a 22% share of the global HDD market within just five years. Operating in over 30 countries, Vikas has launched and revitalized numerous struggling companies across Industries making them market Leaders.
- He has won many prestigious awards : Ernst & Young World Entrepreneur of the Year; National Youth Award, Singapore; Entrepreneur of the Year, Singapore; Indian Entrepreneur of the Year; Singapore Enterprise of the Year
- Vikas holds an MBA, a Bachelor of Laws, and a Bachelor of Arts from Panjab University, India. Outside of business, his hobbies include designing and building Superyachts, as well as exploring theoretical physics.

VIKAS GOEL
Founder



- Ms. Liew, is a Singaporean entrepreneur with 28 + years of international experience in IT, real estate, & F&B Hospitality
- A Monash University graduate, she founded Dutch Oriental Megayachts, now the largest operator in the UAE with the largest fleet of Megayachts in the region

CAROL LIEW
Co-Founder



- Akash Deep Sharma has 28 years of global distribution experience, leading strategies from Asia to North America
- A mentor in start-ups from India to Silicon Valley, he excels in aligning corporate strategies, navigating the Chinese market, and driving global product innovation

AKASHDEEP SHARMA
CEO & Board Member



- Sanju Laroia is a seasoned professional with over 25 years of experience in international sales, marketing, and distribution
- With an engineering background and an MBA, Sanju is passionate about solo travel, exploring new cultures, and golf

SANJU LAROIA
COO Hydroponics



- Bartek Szczudlowski based in Poland has over 30 years of experience in Sales, purchasing, and marketing, working with brands like Intel, AMD, Apple
- His Entrepreneurial ventures include "Palace Slezany" conference center, gaining HoReCa and government collaboration experience

BARTEK SZCZUDŁOWSKI
Board Member



- Sandy Tan based in Singapore has 25+ years of experience in global business, leading growth for brands like Apple and Samsung
- Since 2019, she has overseen RoboChef's R&D, AI development, and expansion across Asia, including Singapore and Japan

SANDY TAN
Board Member



- Elyot Ameline based in France joined RoboChef in 2021 to manage the brand's development in Europe
- With a keen strategic vision, he has conducted in-depth market studies and participated in international trade shows, contributing to the brand's growth and expansion

ELYOT AMELINE
RoboChef Europe



UAE TEAM



- Jahangir brings over 25 years of operations and administration experience across diverse industries in Dubai, including dairy products, medical equipment, IT, commercial yacht charters, and F&B

- He holds a Bachelor of Arts degree and combines his extensive industry knowledge with strong leadership skills to drive operational efficiency and business success

PP JAHANGIR
Director
Operations



- Anoop has 20 years of finance and accounting experience, including 18 years in the UAE. He specializes in developing financial procedures and implementing cost-saving strategies

- His expertise in monitoring project costs ensures optimal resource allocation and profitability. With strong analytical skills, He drives financial excellence and sustainable growth

ANOOP KANJIGHAT
Finance Controller



- Cris is a seasoned leader with 25+ years of experience in business development, logistics, and defense. Expertise in mission command, logistics, and technology across demanding environments, including Marine Corps and US Embassy roles.

- Holds a BS in Mechanical Engineering and is pursuing a Master's in Business & Operational Security.

CRIS CAODY
GM Operations



- Niyas with over 15 years of experience in manufacturing and logistics, has been with RoboChef since 2009, where he manages production, procurement, and logistics operations

- He holds a Bachelor's in Commerce and an IT certification, leveraging his expertise to drive efficiency and streamline processes within the organization

NIYAS CHITTAKATH
GM Manufacturing



- Zarine is a Mechanical Engineer with 12+ years in MEP systems & AgriTech, specializing in Hydroponics Farming projects and sustainable farming technologies in Controlled Environment Agriculture (CEA).

- He has led 8 hydroponics projects, totalling 100 acres, and engineered India's largest indoor vertical farm. He pioneered IoT-based hydroponics systems and portable container farms, providing cutting-edge solutions globally

ZARINE NAJMUDDIN
CTO Hydroponics



- Gianfranco is a former Italian Navy pilot and dedicated senior corporate executive with over 25 years of experience in Corporate Governance, Customer Centricity, Digital Transformation and International Sales.

- He holds a Bachelor's Degree in Business and Management from the University of Maryland and a Master Degree in Psychology.

GIANFRANCO IANNOPOLLO
Director Sales



- Jay is an experienced hospitality and restaurant management professional with over 16 years of expertise. He has successfully overseen the launch of new outlets, His leadership roles include managing Burger Fuel food trucks, spearheading new "dark kitchen" projects

- His hands-on experience spans multiple regions and includes high-profile event management, team training, and operational excellence across various food and beverage brands

JAY KARLO
GM ROBOCHEF



- Swapnil is a seasoned hospitality professional with over 16 years of experience. He was named "Best Commended" Guest Services Person of the Year (2020) and winning multiple "Best in Class" Manager awards from Marriott and Starwood

- He holds a Leadership Management certification from Harvard University and has played a key role in the pre-opening of several high-profile properties, including Westin and Atlantis

SWAPNIL PATRIKAR
GM Hospitality





INDIA TEAM

- Naveen Kumar Gupta has over a decade of experience in Finance, accounting, GST, Income tax, and regulatory services
- Expertise in financial management across diverse business verticals, focused on enhancing operational efficiency and driving sustainable growth

NAVEEN GUPTA
Finance Controller



- CS Charu Sobti is a skilled Company Secretary with expertise in Company Law and Corporate Governance since 2021
- She holds a Master's in Commerce from Panjab University and manages the Chandigarh office, excelling in SEBI LODR compliance and governance

CHARU SOBTI
CS & Compliance



- Nipun is a seasoned serial entrepreneur with over 20 years of global experience in establishing successful ventures both in India and abroad
- His expertise spans multiple sectors, with a strong focus on the import and export of fruits and vegetables across the UAE, India, and Africa

NIPUN GOYAL
VP Marketing



- Ashish, with 15 years of experience, leads manufacturing operations at sites in Nalagarh and Ludhiana
- He is responsible for overseeing day-to-day operations and key decision-making. Playing a pivotal role in driving growth and fostering innovation within the company

ASHISH GARG
VP Operations



- Karan Goyal has 15+ years of business management experience. A serial entrepreneur, he has co-founded two companies in Hospitality Equipment & Service Industry
- He holds an MBA from Fisher College of Business (USA) and excels in leveraging technology for business performance

KARAN GOYAL
COO RoboChef



- Chandan has a strong background in operations and marketing from his time at Indian Oil. Since 2022, he has led operations at Supershine Hospitality, leveraging his technical expertise and business acumen to drive success
- He holds an MBA from NMIMS and a degree in Electronics and Communication

CHANDAN SAHNI
VP RoboChef



- Surya Prakash is an agronomist with 8+ years of experience in commercial and urban farming, specializing in organic crops, vegetables, and hydroponic systems
- He excels in setting up polyhouses, advising on crop management, and training farmers, with a strong focus on sustainable agriculture

SURYA PRAKASH
Agronomist

