

# Delivering the Future of Smart Mobility





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# What Smart Mobility Means to Us

High-quality Vehicle and Holistic Ownership Experience to Accelerate EV Adoption

1 Premium Quality Product

2 Inclusive Price

Tech-Enabled and Full-Service Ownership Experience





# Our Track Record of Making the Impossible(s) Possible

Premium Auto Manufacturer Focused on Launching EVs into the Global Market

Foundation: 2017 – 2019 Establishment of Manufacturing & Commercial Infrastructure in Vietnam Acceleration: 2020 - 2021 Dominate local market, Smart tech and Electrification Planned global EV roll-out: 2022+ Expand global footprint

A-segment Hatchback: Fadil



C-segment EV SUV: VFe34



E-segment Sedan: Lux A2.0



E-segment SUV: President



E-segment SUV: Lux SA2.0



E-Bus: VinBus





E-segment EV SUV: VF9

D-segment

EV SUV:

VF8



A-B-C-segment EV SUVs: VF 5, 6, 7<sup>(1)</sup>



New E-Bus / E-Scooter





Electric Scooters

# VF 8: Bringing Luxury and Convenience to All



#### **Vehicle Overview**

- D-segment SUV
- Available to consumers in U.S., Canada **Europe and Vietnam**
- Delivering Q4/2022

### Key Features (1)

- US \$41,000 Starting Price (2)
- 293 miles (471 km) Range
- 300 kW Maximum Power
- 369 lb-ft Torque
- Smart Infotainment System Multiple Voice Assistants, Facial Recognition, "In-Car" E-Commerce
- Level 2 Advanced Driver Assistance System
- 5-star NHTSA / 5-star EURO N-CAP Safety

# VF 9: Premium Full-Size SUV Redefining Luxury

#### **Vehicle Overview**

- E-segment SUV
- Available to consumers in U.S., Canada Europe and Vietnam
- Delivering Q4/2022

## Key Features (1)

- US \$56,000 Starting Price (2)
- 369 miles (594 km) Range
- 300 kW Maximum Power
- 457 lb-ft Torque
- Smart Infotainment System Multiple Voice Assistants, Facial Recognition, "In-Car" E-Commerce
- Level 2 Advanced Driver Assistance System
- 5-star NHTSA / 5-star EURO N-CAP Safety



#### Notes:

- 1. Indicated range, max power, torque and safety ratings are targets
- Starting price before tax incentives, rebates and battery lease payments



# Strong Momentum Following International Debut of Our Planned EV Lineup

Debut of Our Portfolio at CES January 2022







Articles covering VinFast featured by

~2,500

international and local media outlets



~10 million global audience reached

>21 million impressions



7.7 million
Views of unveil event livestream

Views of unveil event livestream in the first 48 hours



# Global Expansion in Action: Our North American Investment

\$2B

Investment by VinFast

800

Hectare North Carolina Footprint 150,000

Planned Production Capacity





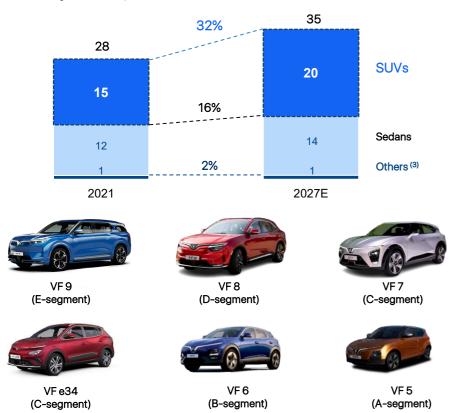




# Strategic Focus on High Growth Markets

VinFast's Planned Vehicle Lineup<sup>(1)</sup> to Target the Highest Growth Passenger Vehicle Markets...

Annual Passenger Vehicle Shipments across VinFast Focus Markets (2), in Millions

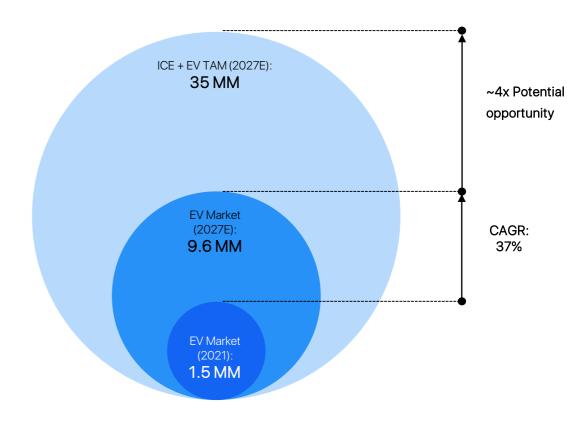


#### Source: Frost & Sullivan

- 2. VinFast focus markets comprise of Vietnam, US, Canada, and Europe
- 3. Others refer to Multi Purposes Vehicles 4. Estimated market size of the Passenger Vehicle market representing VinFast addressable segment in 2027

#### ... With Features and Price Point that Target Both ICE and EV Markets

No. of Vehicle Deliveries in VinFast Focus Markets (4)

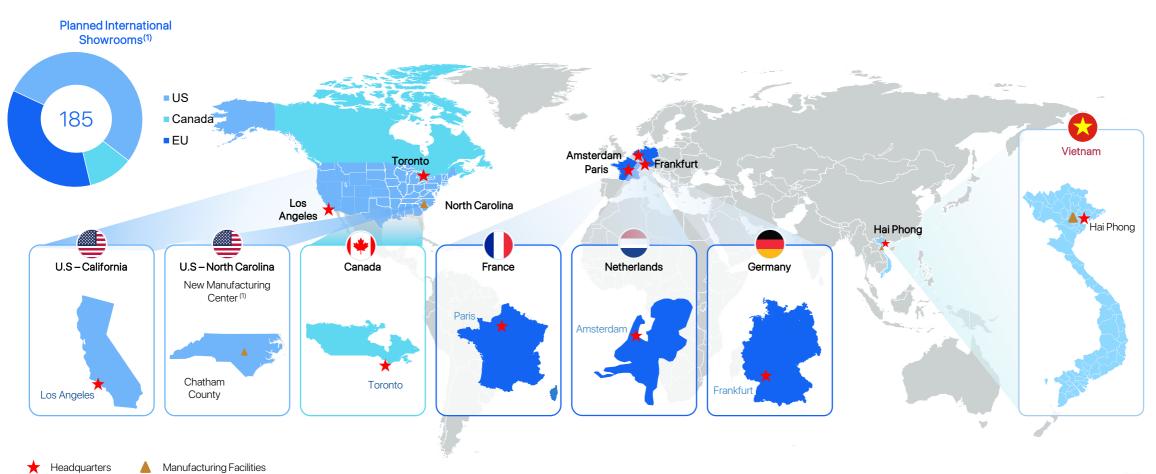


<sup>1.</sup> VF e34 has been launched to date, with remaining models to be launched by 2023. VF e34 and VF 5 are available only in Vietnam



# Our Global Roll-out Strategy - O2O Sales Model

Targeting Strategically Located, High Impact Showrooms Underpinned by Efficient Infrastructure and Manufacturing



#### Notes

1. Planned number of showrooms by the end of 2023

Manufacturing center in North Carolina is expected to begin phase 1 of construction in 2022 with start of production targeted in Q4 2024



# Innovation-Driven, Technology-Centric Platform

#### **Advanced Safety Systems Enhanced User Convenience** (ADAS safety Cloud-based Heads-up Advanced Latest VinFast vehicle Mobile Home Single, large central In-car Display Advancements warning and secure as a "Live and Features screen for multiple e-commerce/ in ADAS notification warehouse for Work" Hub applications and store systems cybersecurity services Technology for Life Community-Virtual Reality Unique VinFast ID for Mobile End-to-end Car customization Personalized Multiple avenues Buying available both sales approach customers to synchronize based available fuser companion service engagement data across application Experience online and ownership interaction platform all channels in-store approach **End-to-End Connectivity User-Specific Customization Options**



# Innovation-Driven, Technology-Centric Platform (cont'd)

Development Capabilities Underpinned by Shared Expertise of Vingroup and Global Partners



## Key Advantages of Our "Technology for Life" Platform



**Leverage** competitive advantage of partners



Enjoy greater margin benefit and economy-of-scale uplift



**Production efficiency** 



Allow VinFast to focus on in-house development of critical components



# Highly-Automated and Proven Manufacturing Capabilities

Manufacturing Footprint Spanning 348 Hectares with Capacity to Support Future Growth

#### Highly Scalable Manufacturing Facility in Vietnam

250,000

Current Annual **Production Capacity**  300,000



Current Maximum Annual Capacity Rate (1) 950,000



Planned Annual Production Capacity by 2026 for Vietnam Facility

#### Fully Operational and Highly Automated



>90%

**Automated Press** Shop



>95%



#### **Our Announced Global Expansion**



#### North Carolina **Announcement**

For first U.S. manufacturing facility in early 2022



#### 150,000 units

Planned Annual Production Capacity in Phase 1 for US Facility











# Highly-Automated and Proven Manufacturing Capabilities (cont'd)

On-site Integrated Supplier Park System in Vietnam to Lower Sourcing and Inventory Costs of Key Components

#### **On-Site Sourcing**



60%

Current Localization Rate<sup>(1)</sup>

#### Select On-site Suppliers



Axle, Chassis



Seat



Interior & Exterior Assembly



#### **Key Benefits**

Reliable and cost-effective collaboration with tier-1 global partners

Reduce supply chain disruption

Logistical efficiency

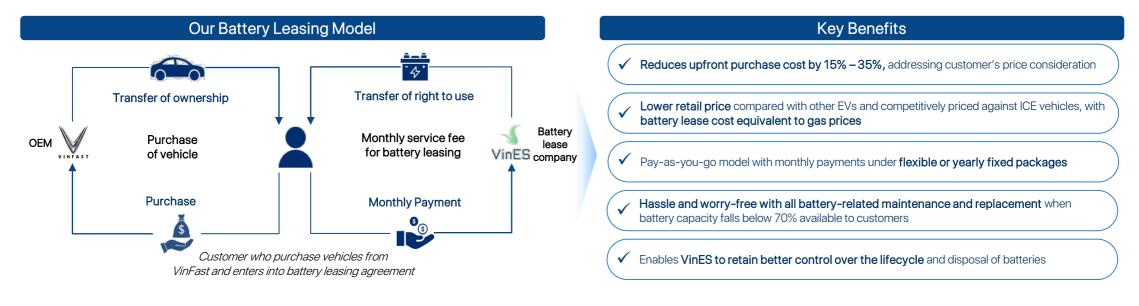
Significant cost advantage

Quicker response to market demand and product changes

Less exposure to obsolescence and volume related expenses



# Innovative Battery Lease Model Aims to Improve Driver Experience and Reduce Cost





Source: Frost & Sullivan

<sup>1.</sup> Five-year total cost of ownership analysis using key assumptions for out-of-pocket expenses (estimated annual cost of electricity or fuel based on 15,000 miles per year, annual maintenance and repairs cost and estimated annual insurance cost) and depreciation cost (difference between purchase price and estimated residual value after 5 years)



# Differentiated Ownership Experience to Drive Brand Loyalty

#### Full Suite of Planned Offerings to Consumers

#### Fully-Connected Cloud-Based Application

- Contact center with VinFast advisors for all demands
- Cloud-based ecosystem to ensure seamless end-to-end journey
- Smart services in one touch with mobile application or in-vehicle
- Builds user community with multiple ways of interaction



#### One of the Best Warranty Packages in the Market

- 10 year / 125,000-miles warranty
- 10-year roadside assistance accessible 24/7
- 10-year corrosion warranty
- Lifetime battery warranty with replacement once capacity falls below 70%

Fully Connected
Experience
Throughout the
Customer Journey















Convenient and Worry-Free EV Ownership Experience

#### On-demand and Personalized Services



Remote care via OTA diagnostics and assistance



**Mobile services** delivered by our technicians and EVs





VinFast directly-operated **Service centers** 

#### **Comprehensive Power Solutions**

- Smart At-Home Charging Solutions for regular use
- Smart navigation with free charging in VinFast centers
- Access to widest charging network through partners' platforms

**Current Charging Partners** 





+ Ongoing discussions
w/ other potential partners

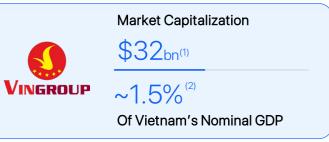


# Foundational Support from Vingroup

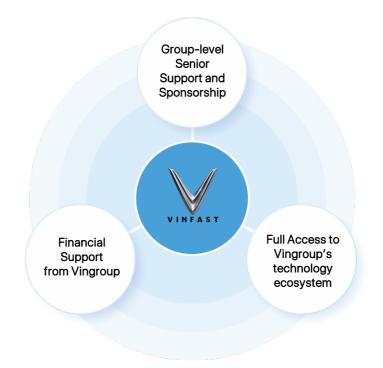
#### The Largest Private Enterprise in Vietnam with Track Record of Developing New Businesses into Market Leaders



#### Chairman Pham Nhat Vuong Personally behind Vingroup's push into Technology and Mobility







Injected approximately ~\$6 billion of equity and debt financing into VinFast since 2017



Key battery partner; plans to become vertically integrated in batteries









> 900 Engineers collectively producing differentiated technology for VinFast

Source: Company internal estimates and data, HOSE Website, Bloomberg as of February 2022, unless otherwise stated

Based on total number of kindergarten to high school students in selected private and international schools in Hanoi and HCMC in June 2019

Combined market capitalization across Vingroup and all of its listed subsidiaries as of February 2022

According to Frost & Sullivan, the market position of VinFast is based on the market share of different OEMs in a segment market of Vietnam passenger vehicle market in 2021, which VinFast is three models, Fadil (A-segment), Lux A 2.0 (E-segment sedan) and Lux SA 2.0 (E-segment SUV, VinFast ranked 1st in 2021

Based on cumulative units sold in 2016 - 2020 across all segments in the residential markets of HCMC and Hanoi, only includes retail sales, according to CBRE, as of December 2020 Based on Vincom Retail's combined retail GFA in Hanoi and HCMC, and GFA of all multi-tenant shopping malls in Hanoi and HCMC as

VinID is one of the largest loyalty platforms in Vietnam

Vinmec hospitals were ranked among Top 1 or Top 2 on quality indicators that are set and assessed annually by the Ministry of Health



# Fully Charged for the Road Ahead

#### What We've Accomplished

>24,000

Reservations Received Within 48 Hours for VF 8 and VF 9 Globally

300,000

Current Annual Capacity<sup>(1)</sup>

\$1.3T

ICE + EV Market Opportunity<sup>(5)</sup>

>76,000 / 130,000

ICE + EV Vehicles<sup>(2)</sup> / E-scooters delivered<sup>(3)</sup>

# Leading

Market Share in Vietnam<sup>(4)</sup>

\$6B

Capital Invested to Date

#### Our Plan for Road Ahead



**Global Roll-out of 6 EV Models** and Phase Out of ICE Production



Continue Augmenting our "Technology for Life" Offering



**Innovate Our Commercial Approach** to Drive Incremental Market Share



Pursue Enhanced Manufacturing Automation and Capacity Expansion



Enhance and Refine Our Service Offering



Broaden Our Ancillary Revenue Streams

#### Notes:

- 1. Maximum capacity rate of vehicles per annum
- 2. Primarily ICE vehicles; as of March 31st, 2022
- 3. E-scooters delivered in Vietnam as of March, 31st 2022
- 4. According to Frost & Sullivan, VinFast's three models Fadil, Lux A 2.0 and Lux SA 2.0 ranked the 1st in their respective segment in 2021
- 5. Source: F&S report, estimated market size of the EV + ICE vehicle market across Vietnam, US, Canada, and Europe in 2027

