



Interactive Printed Graphics

The Future of the IoT

Forward-Looking Statements

This presentation contains certain forward-looking information and statements about Ynvisible Interactive Inc. ("Ynvisible", the "Company", "we", or "our"). Such forward-looking information and statements are identified by the use of words and expressions such as "projected", "intended", "leads to", "provide" and "estimated" and similar words and expressions. Such forward-looking information includes but is not limited to, statements with respect to the development of products, sales growth and global expansion, the impact of the Company's products and services on customers and marketplaces, future financial or operating performance of the Company, the ability to capitalize on future opportunities and estimates regarding the size and scope of our target markets and their potential for growth. These forward-looking statements, and any assumptions upon which they are based, reflect our current judgment regarding the direction of our business and include, but are not limited to efficiently and successfully realizing operational efficiencies, developing new technologies, successfully identifying and capturing new customer opportunities and capitalizing on current customer opportunities, and continuing to expand our sales channels.

These forward-looking statements are not guarantees of future performance and are subject to a number of known and unknown risks and uncertainties, including, but not limited to, the failure to: execute our business plan efficiently, develop new technologies, realize

operational efficiencies, identify and capture new customer opportunities and capitalize on current customer opportunities, and continue to expand our sales channels. Other risks and uncertainties include, but are not limited to: unfavorable market conditions beyond our control which might impact our customers and/or our business; the ability to raise future capital to fund operations; and changes in the regulatory environment applicable to our business or our customers. The forward-looking information and statements in this presentation are expressly qualified by the above statements. The forward-looking information and statements in this presentation are based on estimates and opinions of the Company at the date the statements are made. Except as required by applicable law, the Company does not undertake any obligation to update forward-looking information or statements. Readers should not place undue reliance on forward-looking information or statements contained herein. Readers are cautioned that no director, officer, employee, agent, affiliate or representative of the Company is authorized or permitted to make any written or verbal representation or statement concerning the business or activities of the Company, except as set out in this presentation. The Company expressly disclaims any written or verbal statement in addition to or contrary to anything contained in this presentation, and cautions readers that they are not entitled to rely on any written or verbal statement made by any person to the contrary.

There is a current **trend** towards everything becoming **smart**— cars, homes, phones, appliances, watches... and, increasingly, **everyday products**.



The Internet of Things is growing fast!

Everything is getting smart, but how do you know?

Smart products need a way to communicate information.

Conventional displays consume far too much energy to be economically feasible for smart products and the IoT.

The Solution

Ynvisible's proprietary
ultra-low power

low cost

printed

electronic displays

**Disrupting how
information is displayed!**



Example: Smart Impact Label



1 Before activation



2 Sensor detects impact



3 Ynvisible display activates and shows impact!

Electrochromic Displays' Highlights



Economical
industrial printing



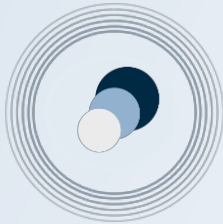
Lowest power
consuming



Flexible
Easy product integration



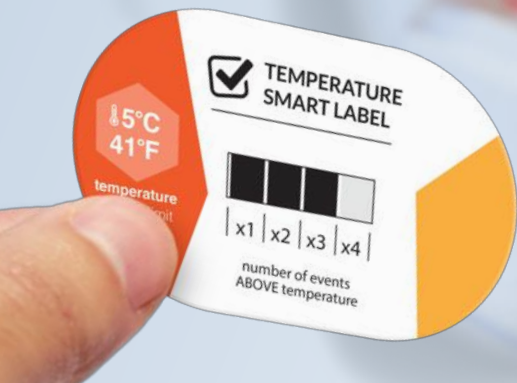
Thin & transparent
Multi-purpose



Growing # of
uses in smart objects
and the IoT



For one time use or
multiple activations

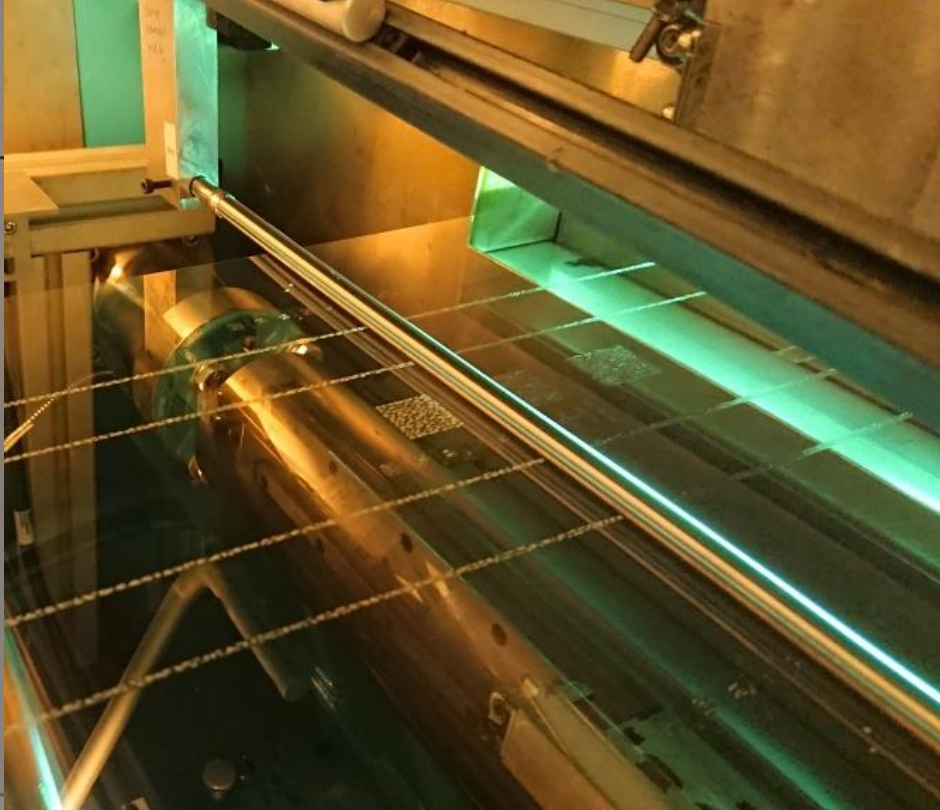
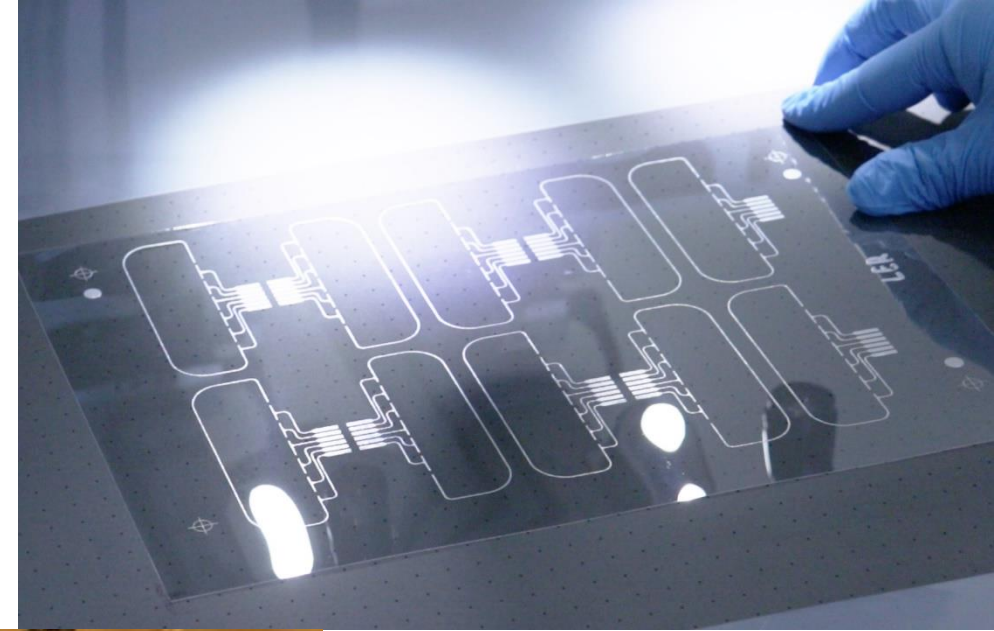


Can be **combined with any type of electronic sensor** (temperature, motion, time, humidity, light, etc.) to display important information or enhance products through eye-catching effects

**The face of everyday
smart objects and the
Internet of Things**



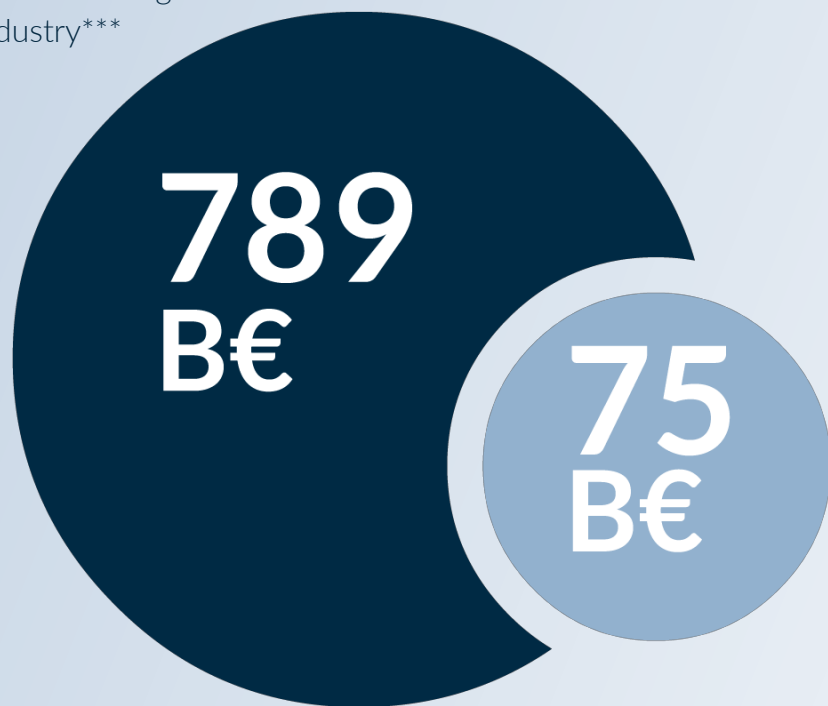
Ynvisible's displays are economical to produce in high volumes because they are printed



Ynvisible's displays are produced with equipment that can be found all around the world

Opportunity: Printing Meets the Internet of Things

Global Printing
Industry***



Functional
and Industrial Printing**

- **Hundreds of billions of smart objects & IoT devices to be produced annually***
- Every smart object that requires visual indication is a potential opportunity for using Ynvisible's displays.
- **Ynvisible's technology platform is aimed at the rapidly growing functional and industrial printing sector** (CAGR of ~22% up to 2023).**
- In the future, Ynvisible's technology could expand to uses in the global printing industry.

** "The Future of Functional and Industrial Print to 2022", Smithers Pira, Aug. 2017

** "Global Functional Printing Market", Mordor Intelligence, March 2018

*** "The Future of Global Printing to 2022", Smithers Pira, Dec. 2017

*\$15 trillion invested on IoT devices, solutions and systems between 2018 to 2026.

Source: BI Intelligence April 2018

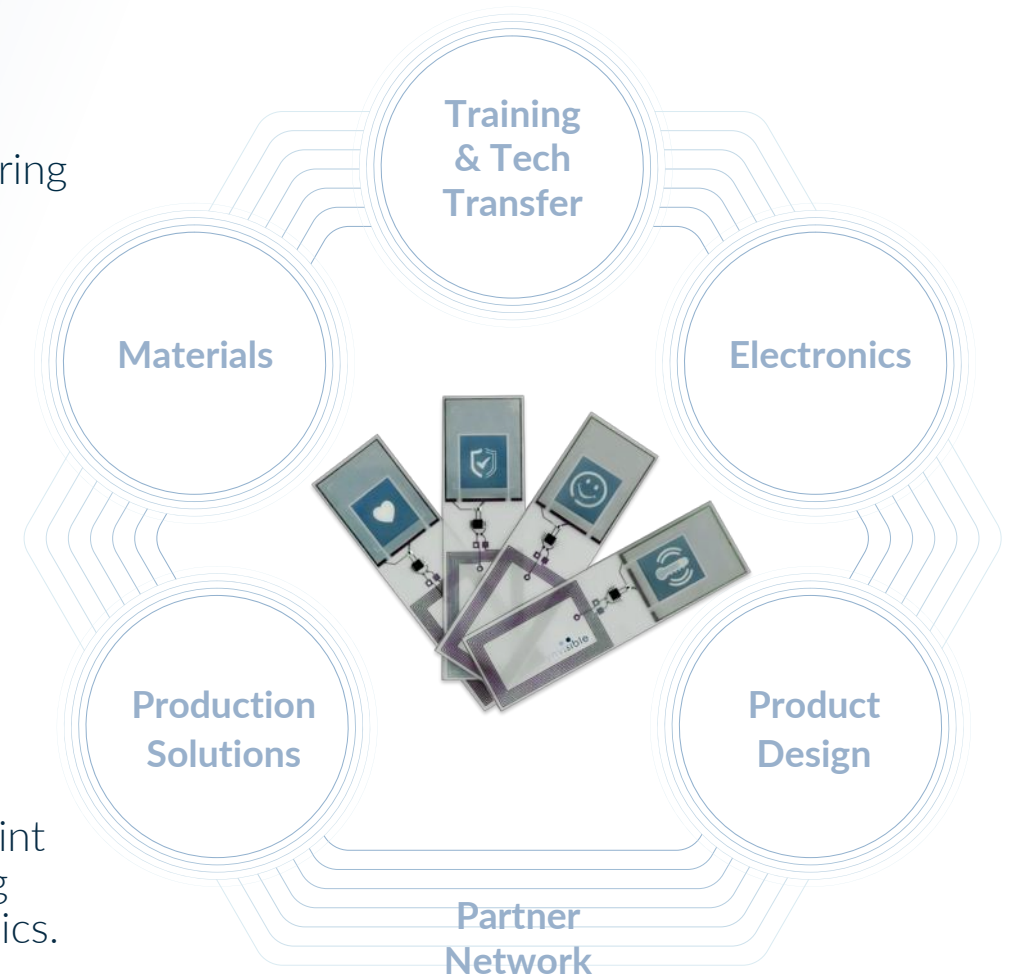
Ynvisible's Business Model

Today

- Develop **prototypes** for large consumer brand clients, offering full system design, integration and production services
- Building **distribution networks** with printing value chain partners
- **Training** print houses and designers
- Providing **technology transfer** services

Target 2020 onward

- **Sale and licensing** of patented electrochromic ink sets to print houses & printing suppliers globally, with Ynvisible providing inks and design tools for smart products using electrochromics.



Disrupting How Information is Displayed in Lead End Markets



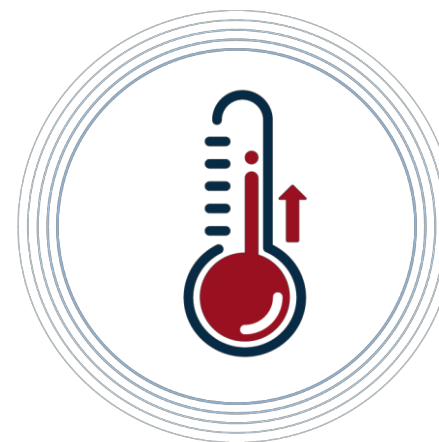
- Logistics & Retail
- Healthcare & Wellness
- Premium Consumer Products



Logistics & Retail: Temperature Sensing Smart Label

Opportunity:

\$35B USD losses associated with temperature deviations of drugs and biological materials.*



Global parcel shipments expected to be 100B units/year in 2020.**

\$63B USD of wine shipped into the US annually, highly susceptible to temperature deviations and impact damage.***

* UPS, Cargosense citing multiple sources

** "Global parcel volumes to surpass 100 billion mark in 2020, Pitney Bowes study forecasts" – Pitney Bowes, CEP-Research Aug. 29, 2018

*** Wines & Vines 2018, BW166 2018

Logistics & Retail: Security and Authenticity

Opportunity:

Product **counterfeiting** is a massive problem across all types of industries. Ynvisible's displays can verify **authenticity** of a product.



- Alcohol is one of the most counterfeit products. Estimates are that 25% of alcohol consumed globally is “unrecorded”*
- RFID smart labels with Ynvisible displays can be used for visual verification of authenticity

*Foodebev.com Aug. 16, 2018 “Distilling the alarming rise of counterfeit beer, wine and spirits.”

Healthcare & Wellness

Opportunity:

Displays for wearables was \$1.3B USD market in 2018*



1 Activity tracker is set to zero and restarted after each feeding



2 Accelerometer tracks pet activity during day



3 Display shows activity since last feeding



In the USA, annual spending on pet care is +\$70B USD.**

Global pet wearables market size is expected to grow as high as \$8B USD by 2025.***

Today, most pet activity trackers lack any form of integrated display and require syncing with a separate mobile device.

* Wearable Sensors 2018-2028: Technologies, Markets & Players" - IDTechEx, Aug.2018

**Pet care is recession-proof industry" - Business Insider Jul.25,2018

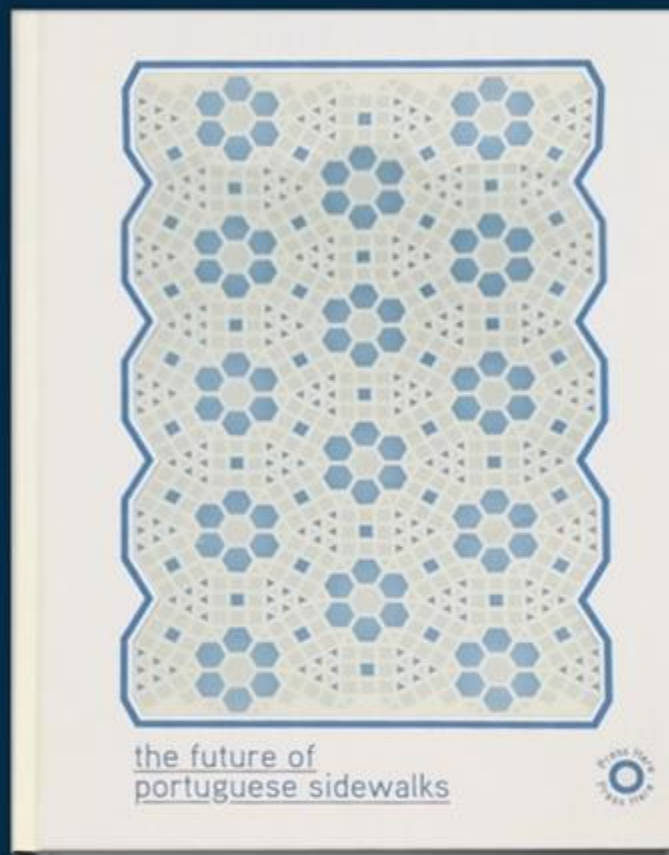
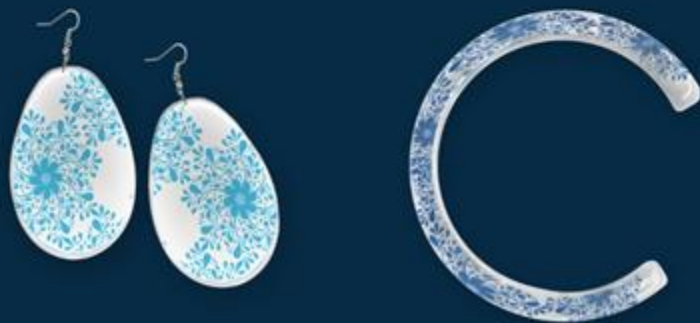
***Sources: GrandView Research, Pet wearable market 2018-2025; IDTechEx Wearable Technology for Animals 2015-2025; Global Market Insights



Premium Consumer Products

Ynvisible's displays bring communicating / color changing features to a growing number of smart products.

Major brands are integrating Ynvisible's displays to add a different design element to their products.



Bluesky

- + Status indicators for energy-self-sufficient devices
- + Security documents and envelopes
- + Interior design elements – e.g. electronic wallpaper
- + Design indicator elements
- + Smart window/glass applications



Interactive wallpaper piece designed with Ynvisible's electrochromics to create a dynamic wall decoration piece

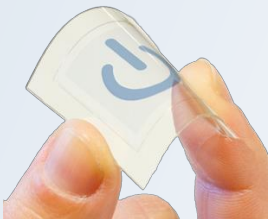
Ynvisible's Competitive Advantages

Features / Technology	EC	EPD	LCD
Transparency	●	●	●
Flexibility	●	●	●
Form factor	●	●	●
Colors	●	●	●
Printability	●	●	●
Contrast	●	●	●
Operating voltage	●	●	●
Cost	●	●	●

EC – Ynvisible’s electrochromic displays

EPD – E-Ink / Electrophoretic displays

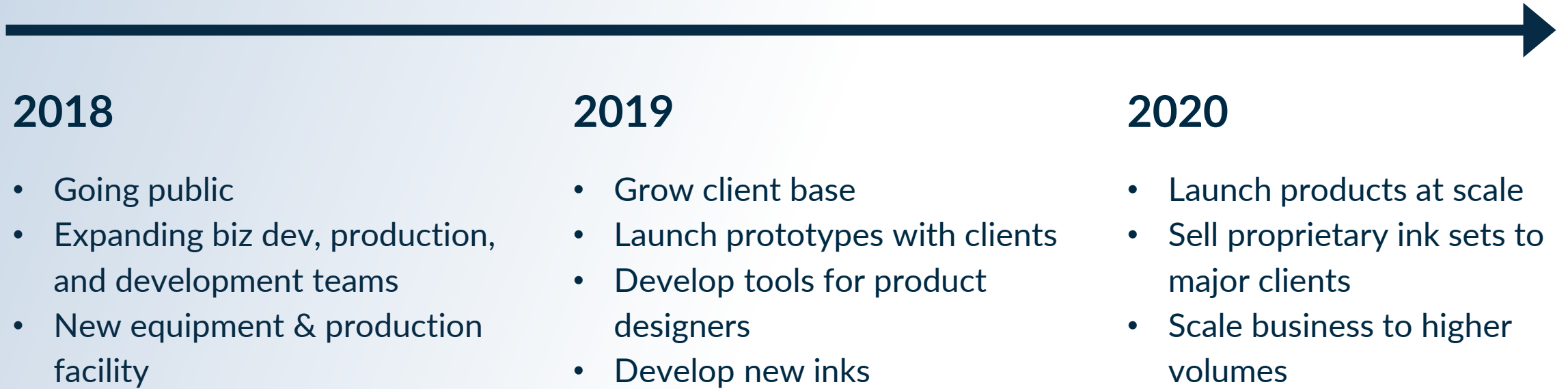
LCD – Liquid crystal displays



Partners



Company Milestones





Headquarters

Vancouver, CANADA



Production & Customer Training Center

Almada, PORTUGAL



Ink Development & Commercialization Center

Freiburg, GERMANY



2018 was a year of building
capacity for Ynvisible



Company

Fully Diluted Capital Structure

Common Shares 56,647,432

Stock Options 3,000,000

Warrants 1,752,876

Fully Diluted Share Capital 61,400,308

Listings

TSX.V: [YNV](#) OTCQB: [YNVYF](#) FSE: [1XNAF](#)

IPO (Jan. 23, 2018) TSX.V \$0.30

52 week range Low \$0.23 / High \$0.495

Management Team & Directors

Jani-Mikael Kuusisto CEO & Director

Jani-Mikael Kuusisto is Ynvisible's face in the market and investor worlds. He has extensive international experience working with the printed electronics customer and supply value chains. As CEO, Jani-Mikael leads Ynvisible's marketing and sales strategy, business development activities, and investor and client relations.

Inês Henriques COO & Director

Inês Henriques is a co-founder of Ynvisible. As COO, she manages daily operations, leads project management, human resources management, and supplier relations, and ensures efficient communication and workflow between teams, such that client projects are delivered on a timely basis.

Carlos Pinheiro CTO

Carlos Pinheiro's PhD thesis was a crucial piece in the development of Ynvisible's ECD technology. He is responsible for the technical content of Ynvisible's patent portfolio. He also leads all the scientific and technical activities and developments within Ynvisible, including, most importantly, the developments for scaling-up the ECD production process.

Darren Urquhart CFO

Mr. Urquhart is a chartered professional accountant with more than 15 years of experience working in both public practice and industry. Mr. Urquhart obtained his chartered accountant designation in 2001 and is a member of the Chartered Professional Accountants of British Columbia (CPABC).

Martin Burian Director

Martin Burian has over eighteen years of investment banking experience and 4 years of public market directorship experience. He brings a wealth of knowledge and expertise in finance, management, administration and business planning to growth companies. Martin also serves and has served as a director and/or officer for numerous CSE and TSX-V companies.

Duarte Mineiro Director

Duarte Mineiro is a Director of Armilar Venture Partners (previously ES Ventures) since 2010 and serves as a board member of several portfolio companies. Before joining Armilar, Duarte worked for over 10 years in The Boston Consulting Group. He holds an MBA from the Tuck School of Business at Dartmouth and a degree in Industrial Engineering and Management from the Technical University of Lisbon.

Alex Helmelt Director

Mr. Helmelt is a management consultant with specific expertise facilitating private to public market transitions and the reorganization of distressed public vehicles for the purpose of reverse takeovers or amalgamations and their subsequent redeployment into the Canadian capital markets. Mr. Helmelt has served as a director and/or officer for numerous private and listed CSE and TSX-V companies.

Ben Leboe Director

Ben Leboe is a Director of Nevada Exploration Inc. (NGE:V) and a Director of URZ Energy Corp. Mr. Leboe has a business degree from the University of British Columbia, is a Certified Management Consultant and a retired Business Valuator/Chartered Accountant (CA, CPA).

Advisory Board Members

Dr. Michael Okoroafor - Vice President Global Sustainability and Packaging Innovation – McCormick & Co

Dr. Okoroafor is highly acclaimed for his achievements in the consumer packaging industry. In October 2018 Mike was inducted into the Packaging and Processing Hall of Fame at PACK EXPO International. Mike is an innovation leader and has over 40 patents to his name and a career that, in addition to McCormick, has spanned prominent roles within PPG, Coca-Cola, and Heinz. With 30 years of experience building off his PhD in Polymer Chemistry from Michigan State University, Michael has a unique background in working both with colour changing (chromogenic) systems as well as novel packaging materials and concepts, including interactive packaging.

Dr. Harlan Byker - Founder and CEO - Pleotint LLC.

Dr. Byker is a world-leading expert on electrochromism and thermochromism. He has over 30 years of scientific research and development, invention, manufacturing and patent experience. Harlan gained his PhD in Physical Chemistry at Montana State University. He is an inventor and/or co-inventor on 53 US patents. As a research scientist at Battelle Laboratories, Harlan invented the chemistry portion of the first commercially successful electrochromic device, an automatic dimming rear view mirror for motor vehicles commercialized by Gentex, a company in which Harlan became a Board member and VP of research, before founding Pleotint, a company focused on self-tinting building windows.

Dr. Harri Kopola - Fellow – PrintoCent ; Organic Electronics Association

Dr. Kopola is a pioneer in the printed electronics industry, who started printed electronics research on flexible substrates in the late 1990s within VTT Technical Research Centre of Finland. He has publications and patents in various disciplines of electronics, optoelectronics and printed electronics. From 2006-2009, Kopola led VTT's spearhead program 'Center for Printed Intelligence', and in 2008 headed the founding of the PrintoCent printed intelligence industrialization community, which to date has produced 26 spin-off companies and linked these to a network of global scale companies. In 2018 Harri was appointed Fellow of the Organic Electronics Association (OE-A) – regarding his selection, the jury cited his instrumental role in promoting industrialization of printed electronics internationally.

Thank You



“The Internet of Things is transforming the everyday physical objects that surround us into an ecosystem of information that will enrich our lives ... the IoT is bringing more and more things into the digital fold every day, which will likely [become a] multi-trillion dollar industry in the near future.”

- Price Waterhouse Coopers

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