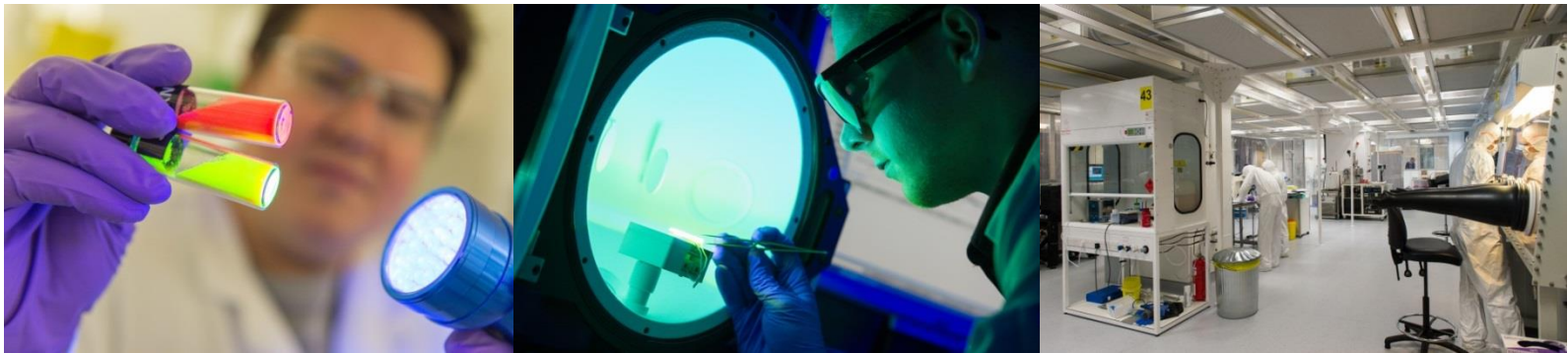


INTERIM RESULTS PRESENTATION



FOR THE SIX MONTHS ENDED 31 JANUARY 2016

12 April 2016

DISCLAIMER

The following presentation is being made only to, and is only directed at, persons to whom such presentation may lawfully be communicated (“relevant persons”). Any person who is not a relevant person should not act or rely on this presentation or any of its contents. This presentation does not constitute an offering of securities or otherwise constitute an invitation or inducement to any person to underwrite, subscribe for or otherwise acquire securities in Nanoco Group PLC or any of its subsidiaries (“Nanoco”).

It should be noted that past performance cannot be relied on as a guide to future performance. This presentation contains forward-looking statements with respect to Nanoco’s plans and objectives regarding its financial conditions, results of operations and businesses. Some of the factors which may cause actual results to differ from these forward-looking statements are discussed in the Risk Factors set out in slide 42 of this presentation.

The financial information referenced in this presentation does not contain sufficient detail to allow a full understanding of Nanoco’s results. For more detailed information, the entire text of the interim results announcement for the half year ended 31 January 2016, can be found on the Investor Relations section of the Nanoco website (www.nanocogroup.com).

INTERIM RESULTS HIGHLIGHTS

- Decision to convert the Company's worldwide licensing agreement with The Dow Chemical Company ("Dow") to non-exclusive gives the Company greater control to pursue multiple routes to market in the display industry
- The capacity of Nanoco's plant in Runcorn continues to be enhanced by process improvements, allowing Nanoco to directly target OEM display makers, film converters and other display partners with its own products
- Dow's plant in Cheonan, South Korea, continues to supply sample material to meet potential customers' requirements
- Further Joint Development Agreement ("JDA") signed with Osram in general lighting and Nanoco's own Lighting Division launched four product lines
- Life Sciences Division formed to pursue potentially significant opportunities in the medical devices and medical diagnostics markets
- David Blain joined the Company as Chief Financial Officer in August 2015 and Chris Richards was appointed a Non-Executive Director in November 2015. Dr Peter Rowley is retiring from the Board after 10 years
- Loss for H1 2016 after exceptional items and taxation was £5.24 million (H1 2015: loss of £3.15 million)
- Balance sheet remains strong with cash, cash equivalents and deposits at 31 January 2016 of £18.3 million (31 January 2015: £9.4 million; 31 July 2015: £24.3 million). £1.9 million R&D tax credit is expected to be received in April 2016.

DISPLAY STRATEGY

OVERVIEW OF DOW CONTRACT CHANGES

What's changed

- Non-exclusive licence
 - Nanoco can license technology or sell product to anyone, anywhere
- Royalty rate reduced
- Earn out eliminated
- Nanoco service resource requirement reduced

What's not changed

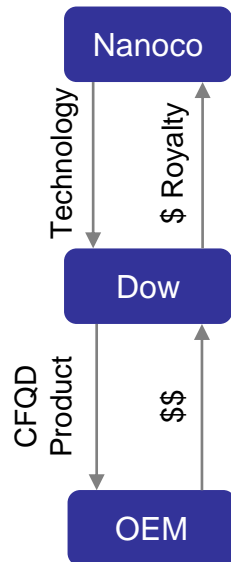
- Dow's commitment to Nanoco's CFQD® technology
- Dow continuing to invest heavily in developing their CFQD® business
- Products sold likely to be CFQD® resin or CFQD® film
- Field of display only
- Territory is global
- Term remains long
- Payment terms remain unchanged

Advantages of moving to non-exclusive

- ✓ Continued strong relationship with Dow who have built a world leading CFQD® manufacturing plant and are focused on supplying world leading display makers
- ✓ Regain control over roll out of Nanoco technology
- ✓ Multiple partners bringing Nanoco technology capacity online faster including Nanoco supplying product directly
- ✓ New Nanoco capacity will be significant with process enhancements being implemented without need for major CapEx
- ✓ Greater revenue from multiple royalty generating partners (including Dow) + Nanoco own sales
- ✓ Opens up display sales in areas that Dow are not focused on, e.g. high end monitors and all territories outside Korea
- ✓ Ability to respond quickly to the market demands
- ✓ Ability to drive business forward free from events outside Nanoco control

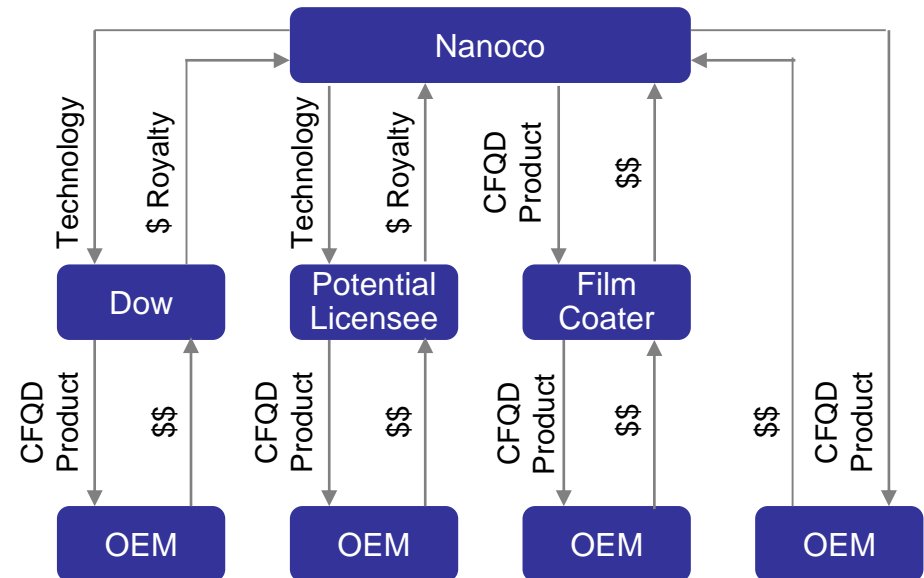
DISPLAY STRATEGY

Old



- High royalty from single licensee
- Reliant on Dow performance
- Less control

New



- Multiple sales channels for Nanoco technology
- Increased revenue & income from multiple licensees and own product sales
- Increased control
- Improved pricing selling directly

DISPLAY BUSINESS

GLOBAL QD DISPLAY FORECAST

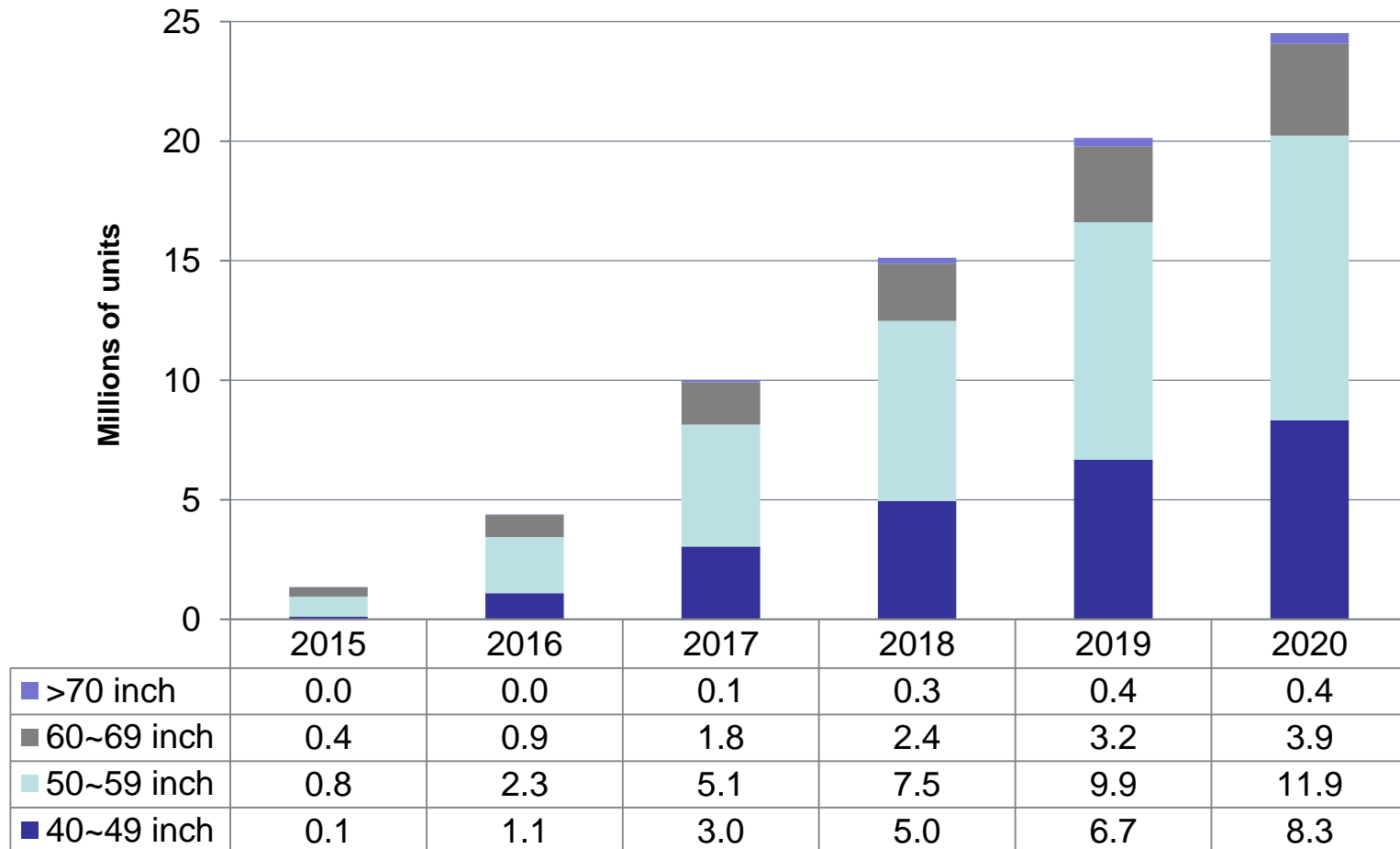
(Millions of units)						
	2015	2016	2017	2018	2019	2020
Quantum dot market forecast	1.9	5.6	12.7	20.0	29.0	40.7
Growth rate		201.70%	124.80%	57.40%	45.00%	40.50%

By application (Volume)

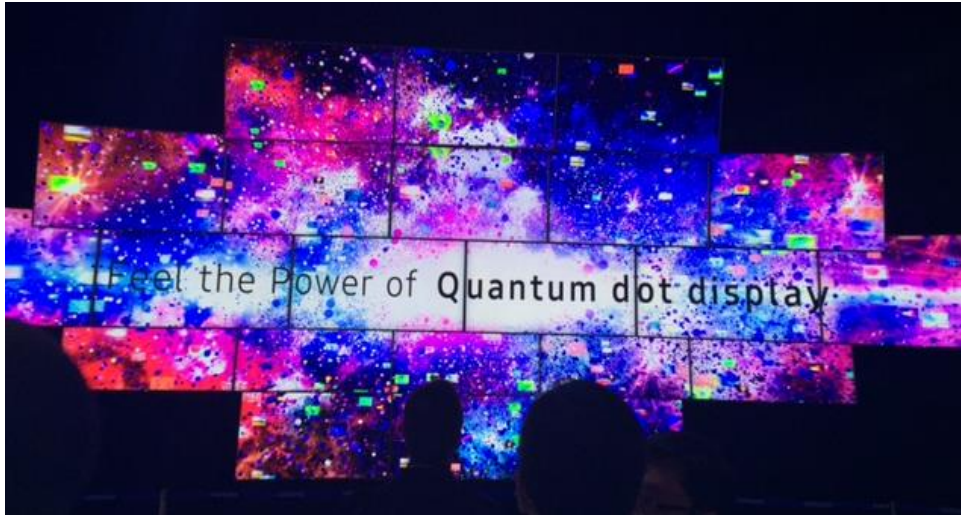
(Millions of units)						
	2015	2016	2017	2018	2019	2020
TV	1.4	4.4	10.0	15.1	20.1	24.5
Monitor	0.4	0.8	1.4	1.9	2.5	3.2
Notebook	–	0.1	0.2	0.3	0.5	0.8
Tablet	0.1	0.4	1.2	2.2	3.4	4.7
Smartphone	–	–	–	0.5	2.4	7.4
Grand Total	1.9	5.7	12.7	20.0	29.0	40.7

GLOBAL QD DISPLAY FORECAST

QD TV display market forecast by size (Volume)



DISPLAY MARKET TRENDS FAVOUR CFQD®

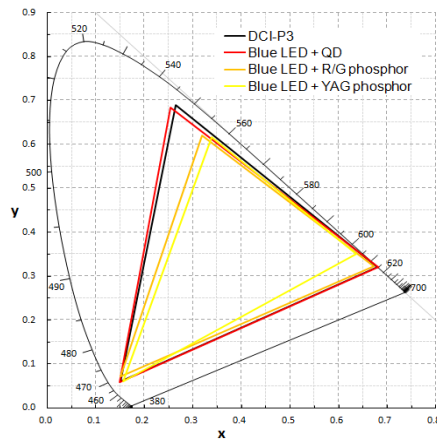


- Samsung begins to aggressively promote Quantum Dot TVs from launch at CES 2015 and further promotion at CES 2016. 2015 sales of CFQD® TV estimated to be c. 1m QD TVs
- Samsung QD TVs all contain cadmium free quantum dots
- Environmental legislation in Europe and China moving in favour of cadmium free quantum dots
- QD TVs gain ground in rapidly growing high end 4K TV sector
- OLED TVs are still costly due to poor manufacturing yields

CLEAR BENEFITS FOR OUR LCD CUSTOMERS

Better Colour Gamut

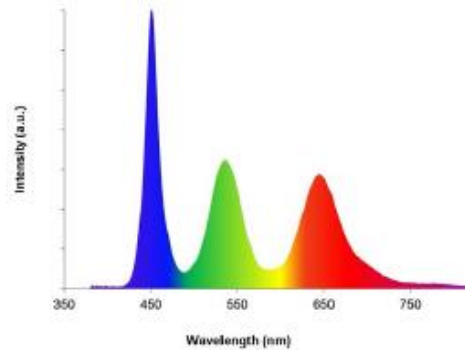
- Much improved colour saturation
- Improved colour enhancement over LCD → similar to OLED



Dramatically improved colour quality

Energy Efficient

- Narrow bandwidth = more light extraction through colour filters
- Enables use of blue LED instead of less efficient white LED



Light source cost saving
Better TV experience

Minimal Process Change

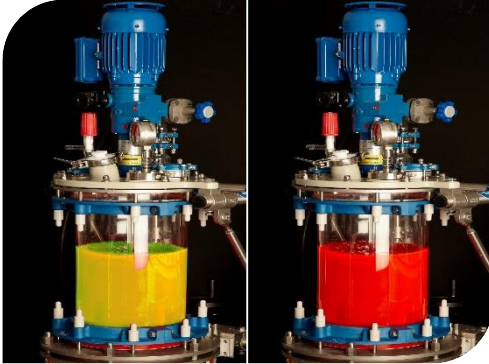
- Uses existing LCD manufacturing infrastructure
- Uses existing LCD supply chain



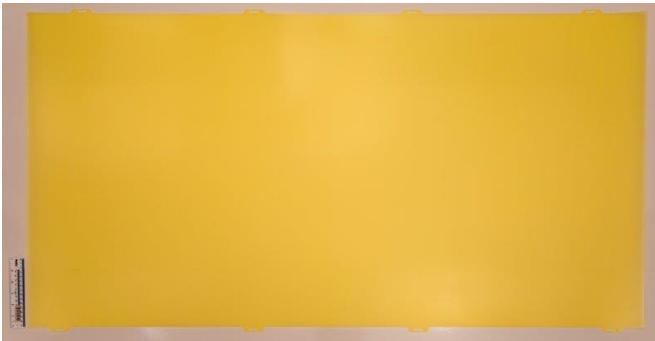
“Drop in system” for easy adoption

Without the use of cadmium or heavy metals

CFQD® FILM ON BACK LIGHT UNIT



Red & Green CFQD® ready for processing into film



Finished 55 inch CFQD® films



CFQD® films assembled onto edge lit LCD backlight

Dow's Cheonan 3 Facility in Korea – cadmium free quantum dot manufacturing site



- The new Dow facility will enable mass production of cadmium free quantum dots to meet customers' requirements and product launch
- Capacity to support millions of large TVs
- Facility is operational and customers are currently sampling CFQD® products (resin & film) produced in Cheonan

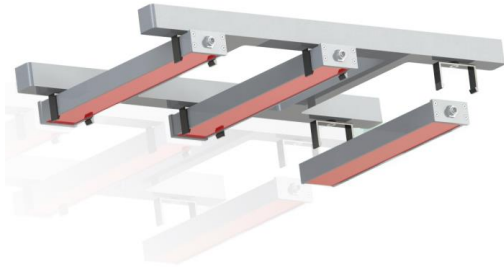
- On 20th May 2015, European Parliament voted 618 to 33 to reject the Commission proposal to extend the RoHS exemption for Cadmium QDs in display and lighting products
- The Commission response has been to repeat a full technical review
- The legality of Cadmium QD displays in the interim is still disputed by Nanoco and others
- The public consultation for the review was closed on 8th January 2016 and the final report is due by 24th April 2016, although the publication date has not yet been confirmed
- The Commission will then consult with Member States before taking a decision and presenting this in the form of a Delegated Act for approval by the Council and Parliament, which will then enter into law. The timetable for this has not been issued, but could take 6 to 12 months
- A run-out period of 12-18 months would be allowed after a Delegated Act to end the Exemption for Cadmium QDs, but responsible manufacturers may decide to take their Cadmium QD products off the market earlier
- The case for ending the Exemption is now even stronger than in May last year
 - Cd-Free QD display sales in EU are 20 times greater than Cadmium QD displays, and accelerating rapidly
 - 2nd generation Cadmium-Free QD displays meet the latest ULTRAHD™ Premium standard and have further improved energy efficiency
- The Exemption for Cadmium QDs will end – only the final timing is uncertain
- Other markets are following the EU lead on RoHS restrictions for Cadmium, including China's new RoHS regulations announced earlier this year
- Nanoco continues to be actively engaged with the EU

LIGHTING BUSINESS

- Initial lighting sales have commenced
- Focusing on niche applications within lighting where CFQD® Quantum Dots can offer advantages
- Develop Technology Demonstrators to show the full potential of CFQD® Quantum Dots
- License design package to interested customers for them to manufacture as is or customise within design constraints
- Sell CFQD® Quantum Dot film to customers



CFQD® LIGHTING APPLICATIONS



- Specific wavelengths for specific crops, even light distribution to ensure even growth
- Market Size: \$1.9 billion by 2020
[MarketsandMarkets 07/2015]



- High CRI, cool white panel light
- High quality light for office & retail purposes
- Addressable Market Size: c.\$700m near term.
[McKinsey&Company - Lighting the way: Perspectives on the global lighting market 08/2012]



CFQD® LIGHTING APPLICATIONS



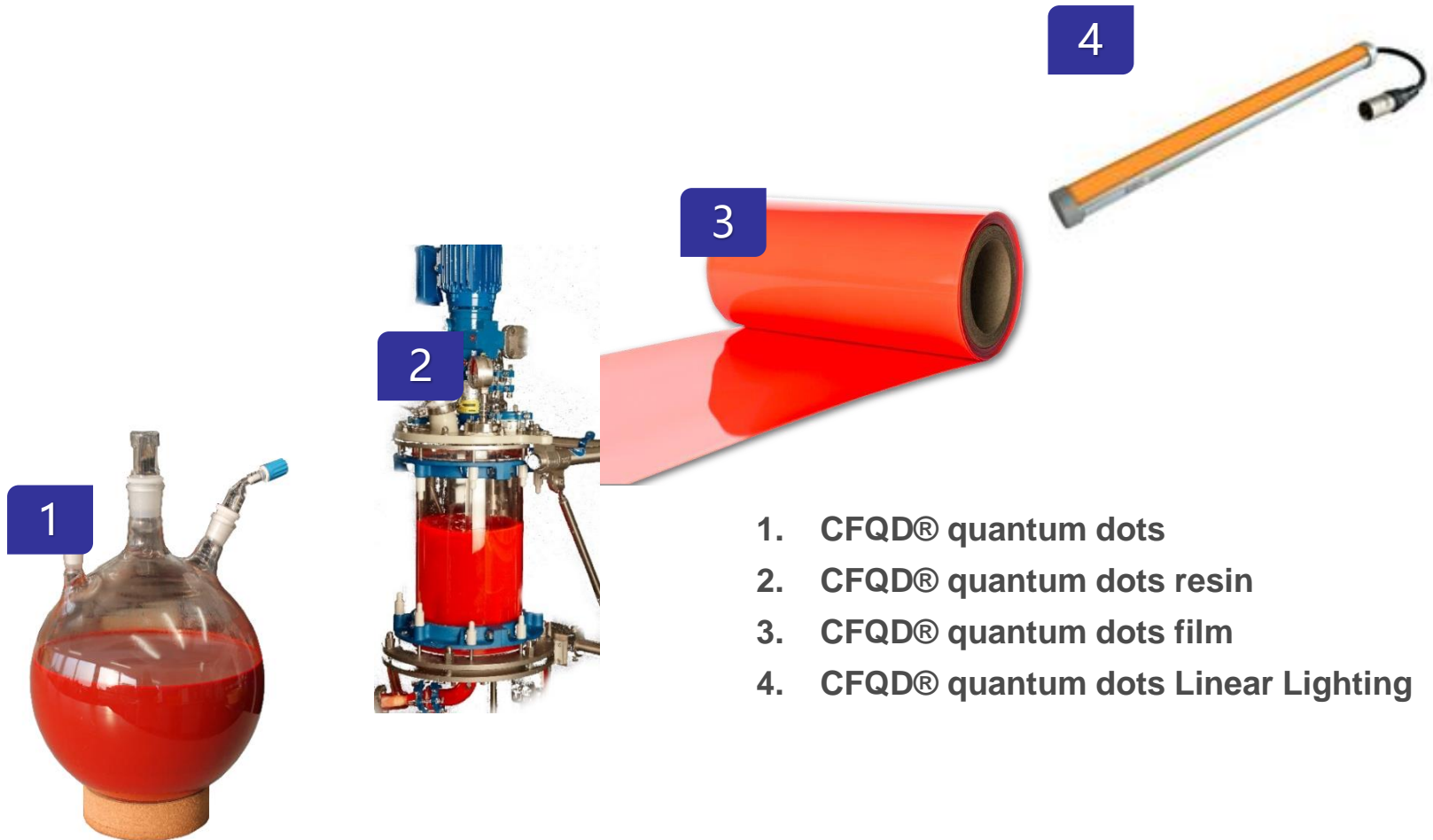
- Green colour emission according to British Standards. Red LED shining through Green Film indicating that Escape route is dangerous.
- Market Size: \$500m
[Strategies in Light (SIL) 02/2014]



- Specific wavelengths to suit skin types and treatment schedules, even light distribution for effective, even treatment
- Market Size: \$800m
[La Luminiere 2014]



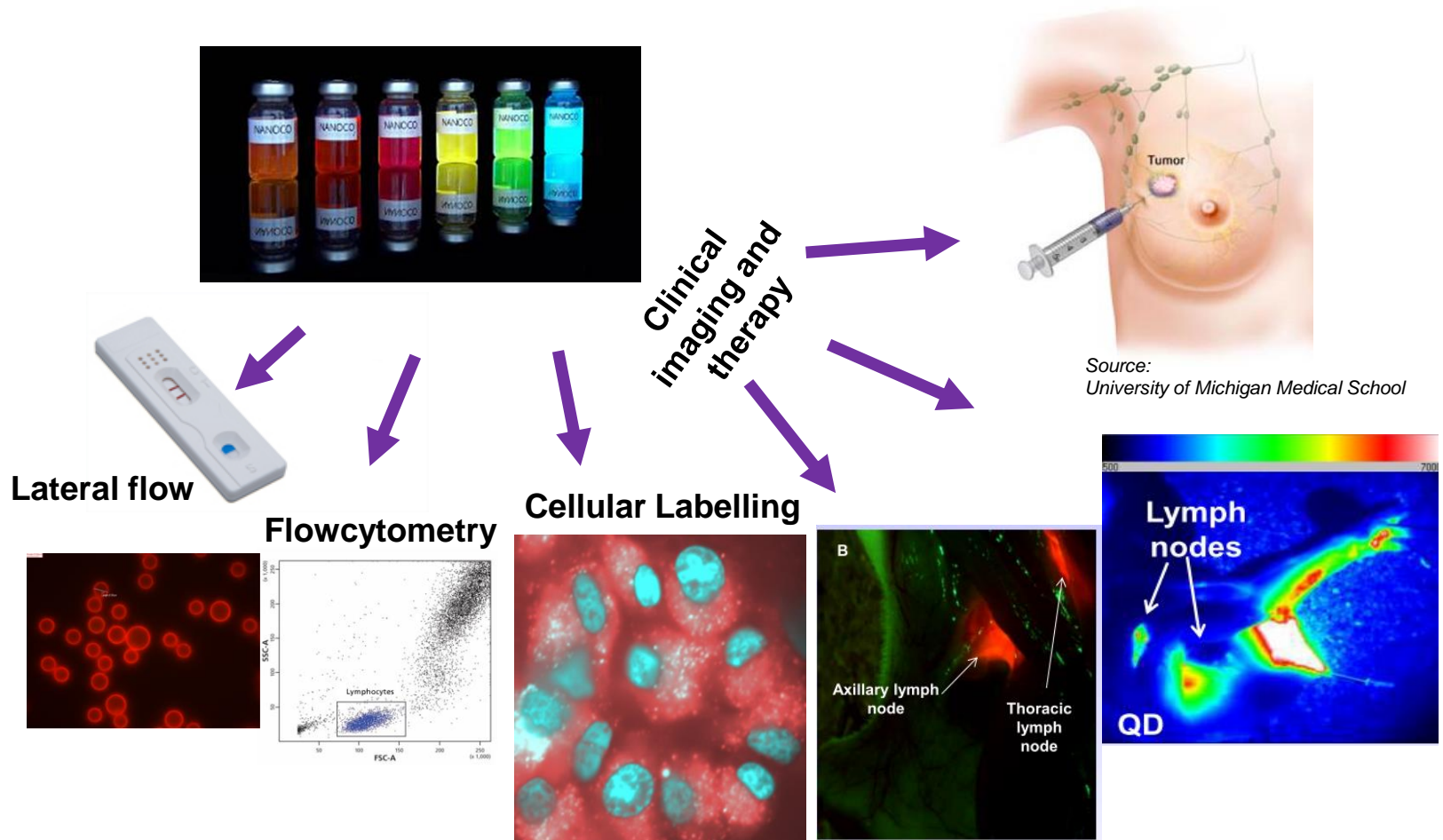
LIGHTING VALUE CHAIN



1. CFQD® quantum dots
2. CFQD® quantum dots resin
3. CFQD® quantum dots film
4. CFQD® quantum dots Linear Lighting

OTHER APPLICATIONS

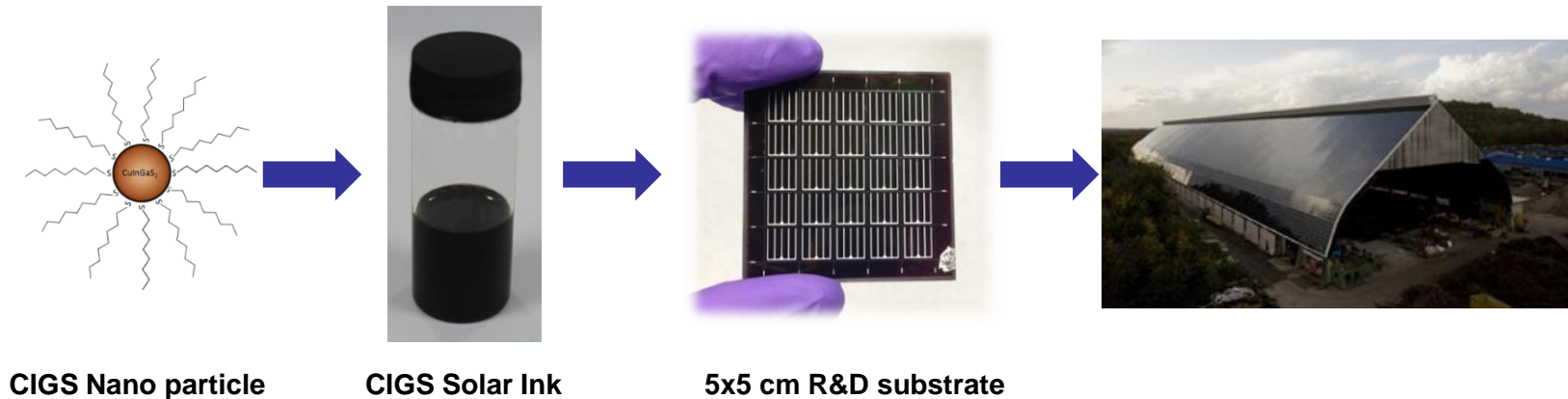
- Cancer imaging represents a significant opportunity for Nanoco
- Proof of principle studies in conjunction with University College London have been successful and the work is ongoing
- World leading team in the use of QDs in life science applications
- Following proof of principle we will seek suitable partners
- Target markets for clinical imaging first are:
 - Sentinel lymph node (breast, stomach, colon and uterine)
 - Intra operative tumour demarcation (colorectal, stomach, skin)
- Target diagnostic opportunities exist in early cancer detection for pancreatic, bladder and lung cancers
- Nanoco technology strengths are: bio-compatibility of the formulated CFQD®s, non toxic, highly fluorescent for a longer period of time, single excitation source, photo-stable



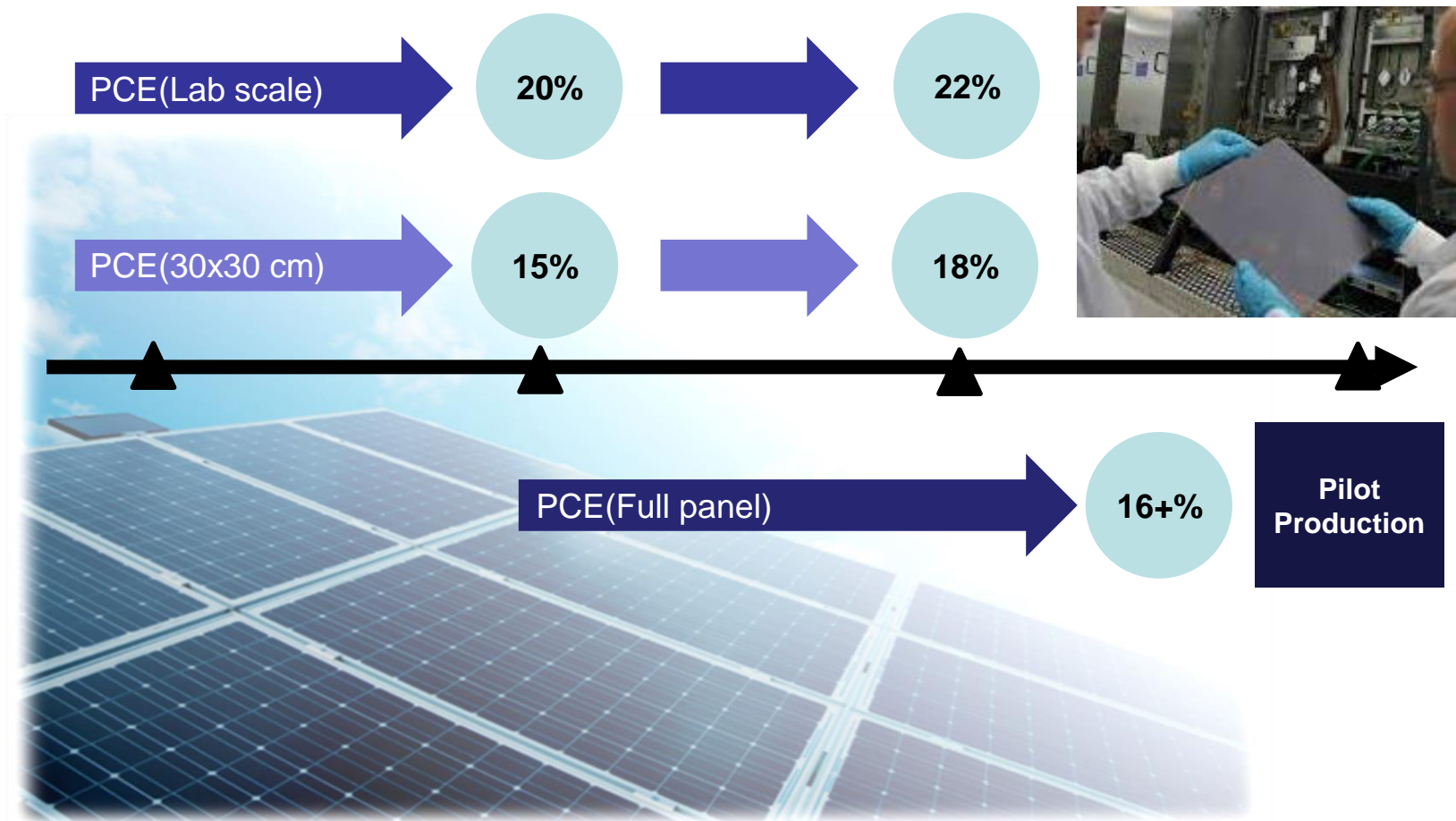
QDs = brightness + photo stability + narrow emission + single light excitation

SOLAR: CIGS THIN FILMS

- High performance printable Nanoparticle ink technology for CIGS thin film PV
- Low cost production technology enabling market penetration: <0.33 \$/W for 16% CIGS module
- Current performance: 17% active area efficiency achieved in R&D – world leading for solution processed CIGS.
- Applications in expanding building integrated PV market (BIPV)
- Compatible with construction materials such as glass, steel, flexible substrates.



SOLAR: ROADMAP



Scoping partners/collaborators for scale up phases

INTERIM FINANCIALS

FINANCIAL HIGHLIGHTS – OVERVIEW

	6 months to 31 January 2016 £'000	Change £'000	6 months to 31 January 2015 £'000	Year to 31 July 2015 £'000
Revenue	290	(1,322)	1,612	2,029
R&D Spend	2,939	216	2,723	5,580
EBITDA	(5,601)	(2,340)	(3,261)	(8,077)
Loss after tax	(5,237)	(2,092)	(3,145)	(8,975)
Cash & short term deposits	18,273	8,923	9,350	24,311
Net assets	23,976	9,212	14,764	29,100
Employees	133	27	106	113

FINANCIAL HIGHLIGHTS – INCOME STATEMENT

	6 months to 31 January 2016 £'000	Change £'000	6 months to 31 January 2015 £'000	Year to 31 July 2015 £'000
Revenue	290	(1,322)	1,612	2,029
Cost of sales	(151)	46	(105)	(316)
Gross profit/(loss)	139	(1,368)	1,507	1,713
R & D costs	(2,939)	(216)	(2,723)	(5,580)
Administrative expenses	(2,801)	(756)	(2,045)	(4,210)
Adjusted EBITDA	(5,601)	(2,340)	(3,261)	(8,077)
Depreciation and amortisation	(672)	7	(679)	(1,375)
Adjusted operating loss	(6,273)	(2,333)	(3,940)	(9,452)
Share-based payment charge	(113)	120	(233)	(619)
Costs of move to main market	—	—	—	(926)
Net interest income	128	84	44	116
Loss before tax	(6,258)	(2,129)	(4,129)	(10,881)
Tax credit	1,021	37	984	1,906
Loss after tax	(5,237)	(2,092)	(3,145)	(8,975)

- Revenues were £0.29m in the period and were lower than the previous period as H1 2015 included a milestone payment from Dow of £1.3m
- R & D expenditure increased by 8% to support ongoing developments across all programmes
- Administrative expenses increased by 21% following increases in professional fees (including patent maintenance), recruitment costs, travel, marketing fees and costs associated with the EU cadmium review

FINANCIAL HIGHLIGHTS – CASH FLOW

	6 months to 31 January 2016 £000	Change £'000	6 months to 31 January 2015 £'000	Year to 31 July 2015 £000
Loss for the period	(5,237)	(2,092)	(3,145)	(8,975)
Adjustment for non-cash items	(364)	(248)	(116)	(28)
Operating outflows before movements in working capital	(5,601)	(2,340)	(3,261)	(9,003)
Changes in working capital	(53)	(124)	71	1,453
Cash outflow from operations	(5,654)	(2,464)	(3,190)	(7,550)
Investing activities	9,650	5,384	4,266	(15,027)
Financing activities	(34)	(783)	749	20,497
Increase/(decrease) in cash	3,962	2,137	1,825	(2,080)
Balance at start of period	4,311	(2,080)	6,391	6,391
Balance at end of period	8,273	57	8,216	4,311
Monies on short term deposits	10,000	8,866	1,134	20,000
Balance at end of period (including short term deposits)	18,273	8,923	9,350	24,311

- **Investing activities** reflect net monies being put on short term deposit during the period

FINANCIAL HIGHLIGHTS

– BALANCE SHEET

	At 31 January 2016 £000	Change £'000	At 31 January 2015 £'000	At 31 July 2015 £000
Tangible fixed assets	1,668	(746)	2,414	2,062
Intangibles (patents)	2,068	365	1,703	1,821
Cash & short term deposits	18,273	8,923	9,350	24,311
Other current assets	1,087	277	810	1,110
R&D tax debtor	2,825	627	2,198	1,800
Liabilities excluding loan	(1,882)	(297)	(1,585)	(1,909)
Loan	(63)	63	(126)	(95)
Net assets	23,976	9,212	14,764	29,100

- Net assets increased to £24m at 31 January 2016 reflecting fundraising on moving to main market less losses incurred
- R&D tax debtor at 31 January 2016 related to the amounts due from last financial year plus H1 2016
- Net assets have increased to £23.97 reflecting the fundraise on move to the main market less losses incurred in the period
- £1.9 million R&D tax credit is expected to be received in April 2016.

CONCLUSION

CONCLUSION

- The move with Dow to non-exclusive will significantly de-risk the business and opens up new opportunities to monetise the Company's technology
- Dow facility producing CFQD® products and sampling customers
- Runcorn capacity enhanced through process improvements
- Lighting business strategy is in place and commercial sales have begun
- Company structure and people are in place to enable the successful transition from development to commercialisation
- Well funded for the foreseeable future

NANOCO OVERVIEW

COMPANY OVERVIEW

- A world leader in the development, manufacture and supply of fluorescent, heavy-metal-free semi-conducting materials called CFQD® quantum dots and other nano-particles (e.g. CIGS)
- Nanoco has developed partnerships with leading global electronics and chemical companies in order to incorporate Nanoco's technology into commercial products
- Key target markets are display, lighting, solar and bio-imaging
- Market for quantum dots forecast to be large and to grow quickly
- Signed major licensing deal in January 2013 with Dow to supply the display industry
- Dow's mass production manufacturing plant has been commissioned
- 133 employees with the majority located at the Manchester HQ & Runcorn manufacturing facility many of whom are recognised as leaders in the field¹
- Listed on premium segment of the main market of the London Stock Exchange
- Founded in 2001

COMPANY OVERVIEW

Business model



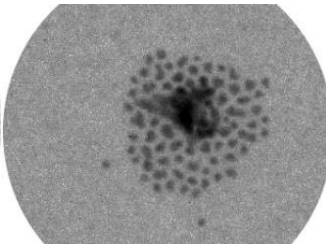
Key territories and operations



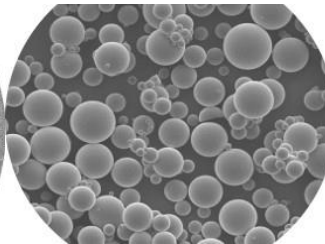
- Quantum dots are a platform technology
- Unique “seeding process” developed enabling the **mass production** of quantum dots
- World leader in **heavy metal free** quantum dot technology (CFQD® quantum dots)
- Extensive & growing patent portfolio (ca. 400 patents and patent applications)
- Patents cover five key areas:



Process



Materials



**Surface
chemistry**





Devices



Solar

KEY MARKETS ARE LARGE

	 Display 	 Lighting 	 Solar 	 Biomedical 
Application	LCD backlighting	High CRI LED lighting	Thin film solar	Biological imaging In-vivo & in-vitro diagnostic
Technology	CFQD® quantum dots CFQD® quantum dots resin	CFQD® quantum dots film	CIGS nanomaterials	Water soluble CFQD® quantum dots Functionalized CFQD® quantum dots
Business Model / Timing	Licence & materials sales / Near term revenue stream	Film sales / Niche near term potential with ability to grow	Partner licence & Material sales (toll) / Medium term NRE	Partner licence with upfront fees / Longer term
Potential market size¹	\$120bn (Global electronic display market - 2018) ¹	€110bn (Global lighting market - 2020) ²	\$96bn (Global spend on PV capacity in 2013) ³	\$169bn (Global cancer diagnostics market - 2020) ²
Anticipated addressable market size	Directors believe \$7.5bn (2022 QD display market)	c.\$150m near term c.\$700m with further R&D	Expected to enhance the rapidly growing thin film solar market	QD's in healthcare = c.\$1bn in 2022 ⁴

(1) MarketsandCompanies.com, published March 2014

(2) McKinsey & Company, Lighting the way: Perspectives on the Global Lighting Market, published 2011)

(3) International Energy Agency (IEA), Technology Roadmap: Solar Photovoltaic Energy: 2014 Edition, published 2014

(4) MarketsandMarkets report, 2012

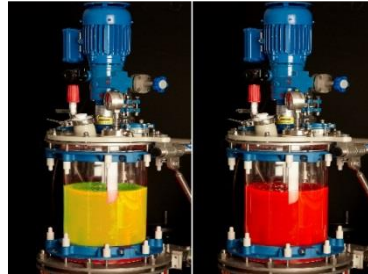
VALUE CREATION



1) CFQD® quantum dots

CORE BUSINESS

Developing & manufacturing heavy-metal free quantum dots fit for purpose



2) CFQD® quantum dots + Resin

CORE BUSINESS

Ensuring Nanoco's CFQD® quantum dots work in customers' resin systems



3) CFQD® quantum dots/Resin in device

CFQD® quantum dots are incorporated into film, lens, capillary, LED, etc. Nanoco partners with end user customer or device producer such as a film manufacturer



4) CFQD® quantum dots product

Nanoco's near term focus for CFQD® quantum dots is on backlighting for LCD display and LED lighting.

Nanoco partners with end user customer

KEY PARTNERSHIPS / ROUTE TO MARKET

	Display	Lighting	Solar	Life Sciences
Key partners	  11 display OEMs: <ul style="list-style-type: none"> • Korea: 2 • China: 4 • Taiwan: 2 • Japan: 2 • USA: 1 	 OSRAM  USA Photo-therapy Company	 Innovate UK <small>Technology Strategy Board</small>	 Innovate UK <small>Technology Strategy Board</small>
Route to market	<ul style="list-style-type: none"> • Licence with Dow for display industry only • Seeking other licensees • Direct sales 	<ul style="list-style-type: none"> • Direct sales of CFQD materials and film to OEMs 	<ul style="list-style-type: none"> • UK Grant funded • Exploring partnerships 	<ul style="list-style-type: none"> • UK Grant funded • Exploring commercial partnerships

APPENDICES

Anthony Clinch – Non Executive Chairman

- 20 years private equity experience with CVC Capital Partners, Rolls Royce, experienced industrialist and financier

Michael Edelman – CEO

- Led spin-out of Nanoco from University of Manchester
- GE / Bayer JV, founded www.yet2.com Europe, commercial director Colloids Ltd, Brunner Mond, ICI

Dr Nigel Pickett - Co-founder & CTO

- Inventor of Nanoco's key patented scale-up technology
- Leading expert on semi-conducting nano-crystals
- Japanese Government, US Office of Naval Research, Saint Andrews University

David Blain – CFO

- Experienced Quoted Company CFO, Renovo, Drew Scientific, Price Waterhouse

Keith Wiggins – COO

- 30 years senior executive experience. 23 years with The Dow Chemical Company.

Robin Williams – Non Executive

- Experienced NED and Executive, Investment banking, Xaar, Manufacturing background

Gordon Hall – Non Executive

- Led IPO of Axis-Shield, flotation at £20m, acquired by Alere Inc for £235m

Brendan Cummins – Non Executive

- 40 years of industry experience mostly with Ciba Geigy. His last role was CEO of Ciba and was responsible for selling Ciba to BASF
- NED of US Headquartered, Ashland Inc and Perstorp Holdings (Sweden)

Christopher Richards – Non Executive

- Currently non executive director of: Plant Health Care PLC (chairman), Origin Enterprise PLC, Cibus Global Inc
- Former CEO of Arysta Lifesciences, 20 years exec with Syngenta and ICI

- **Technical milestones:** Customers' requirements are challenging and may take more time and resource to be achieved and may not be achieved at all
- **Costs:** Manufacturing costs could be higher than anticipated
- **Timing:** It may take longer for Nanoco's technology to be adopted
- **Intellectual property:** Nanoco's IP could be challenged or Nanoco may infringe others' IP
- **Pricing:** The company or Dow may not be able to charge as much for its materials as forecast
- **Other technologies:** Existing technologies that Nanoco is replacing may improve, new technologies may enter the market
- **Customers:** Nanoco and Dow rely on their customers to launch products containing its nano-materials. Large corporates with whom Nanoco deals may change strategic direction which could adversely affect Nanoco
- **Contracts:** Contracts are generally milestone based. If milestones are not achieved contracts can in certain circumstances be altered or terminated



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