HeiQ Plc Interim results 2021 & business update

HEIQ

28 September 2021



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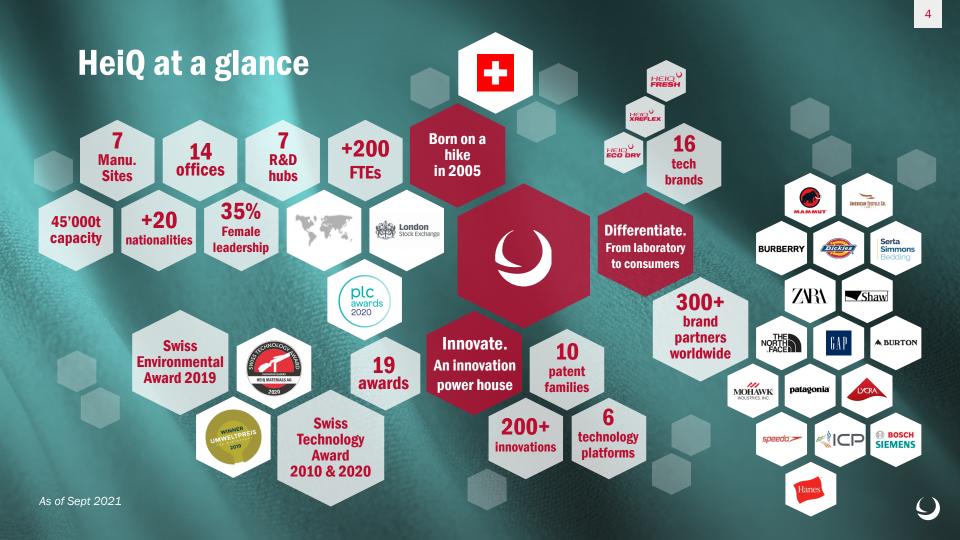
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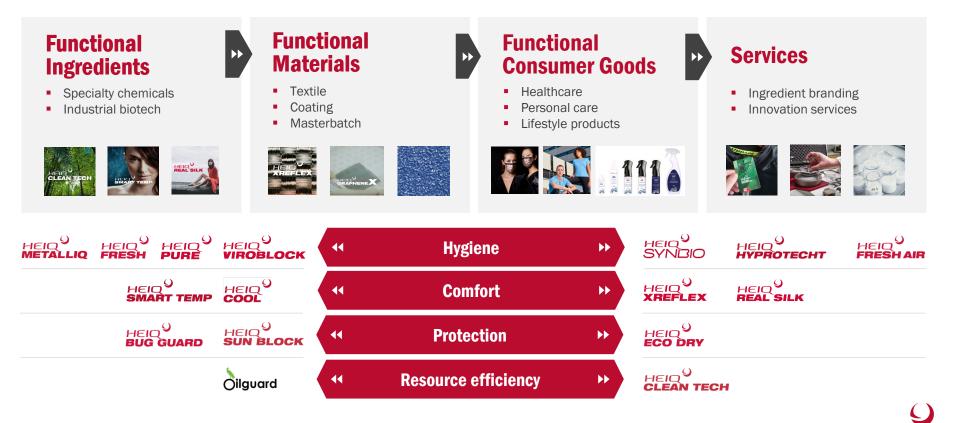
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High Level Review 1HY 2021



HeiQ's 4x4 offering: we create 4 functionalities in 4 forms



Tailwinds & Headwinds 1HY 2021



Tailwinds confirm our long-term strategy

Megatrends:

- Improved awareness of germs favors our hygiene innovations (GSK and IPSOS)
- Global warming & extreme weather conditions e.g. heatwaves favor our comfort innovations

Consumer trends:

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- Tremendous growth in e-commerce (Statista) favors HeiQ ingredient branding. Functionality is a key purchase driver for Back-to-Office apparel (Customer feedback)
- Consumers invest in home textiles
- Sustainable technologies are in high demand (<u>Euromonitor</u>)

Increase in demand for our product offering (long term)

Headwinds with short term challenges

Supply chain disturbance:

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- Irregular supply of key raw materials in 1HY prevented start of newly won 3M USD p.a. program
- Higher logistics cost eroded ca. 1.5% gross margin vs. 1HY 2020
- Higher raw materials cost eroded ca. 3% gross margin vs. 1HY 2020

Pandemic impact:

- Lockdowns in 1HY in our main South Asia markets resulting in ca. 1 month sales loss (5\$m)
- Brand customers were delaying on innovation projects (now resuming)

External factors impact supply for us and competitors (short term)

Financial Performance Review 1HY 2021

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Business review 1HY 2021 – trends confirm strategy

FINANCIALS

25.8 50.2%

Sales \$m

1HY 2021	-	25,8
1HT 2021	4	20,0
2HY 2020	20,3	
1HY 2020		30,1
2HY 2019	14.6	
1HY 2019	1-1,0	
111 2013	13,4	

1HY 2021	50,2
2HY 2020	52,8
1HY 2020	57,4
2HY 2019	50,5
1HY 2019	46,4

Gross Margin %

DIFFERENTIATION

7'687

Media mentions 1HY 2021 7'687 1HY 2021 3'580* 2HY 2020 2HY 2020 1HY 2020 3'580* 1HY 2020 1'000* 2HY 2019 2HY 2019 1'000* 1HY 2019 1HY 2019

Royalty contracts enacted[#]

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		5	8	
	1			

* HY data prior years not available. 1HY figure extrapolated from FY figure (i.e. FY divided by 2)

All royalty contracts currently enacted (i.e. previous year figure plus new ones, minus expired ones)

INNOVATION

+10 New R&D projects

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Innovations launched

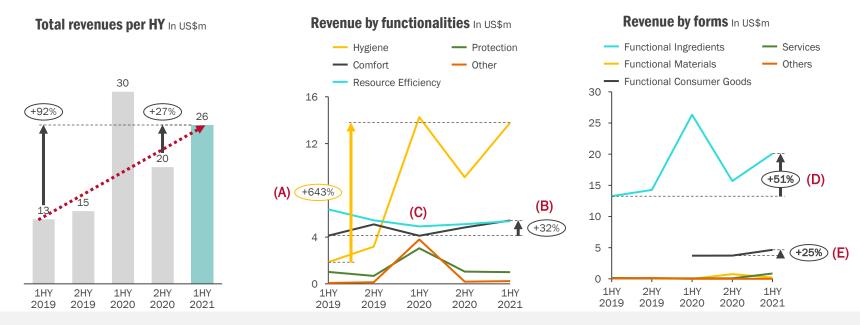
- 6x Functional Ingredients
 - 3x Protection
 - 3x Comfort
- 1x Functional Consumer Goods
 - 1x Hygiene

4.8 Adj. EBITDA \$m

1HY 2021	4,8	
2HY 2020	1,9	
1HY 2020		12
2HY 2019	2,1	
1HY 2019	0,8	



Revenue per *functionality* & *form* per HY

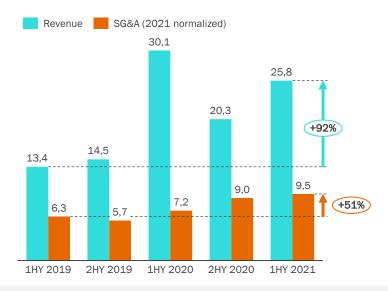


Development of revenues by functionality and type of goods confirms success of our strategy

- A. Pandemic as an accelerator for demand in *Hygiene* functionality pandemic driven spike in 1HY 2020 replaced by recurring customers
- B. Continuing high growth of product sales in Comfort functionality +32% vs 1HY 2019 with 3 new innovations launched 1HY 2021
- C. Resource Efficiency product group is stable but significantly affected by headwinds in global supply chain
- D. Functional Ingredients are our dominant type of goods sold +51% vs 1HY 2019 and +28% vs 2HY 2020
- E. Increased HeiQ brand awareness supports forward integration into *Functional Consumer Goods* which grew +25% since launch in 1HY 2020

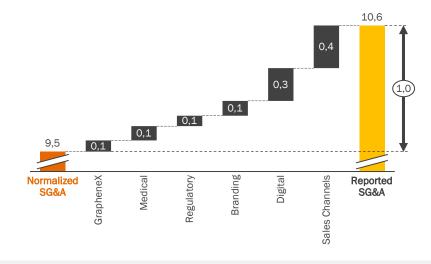
SG&A costs per HY – investing in our sales channels

Historic comparison of SG&A costs against revenues in US\$m



Normalized SG&A costs 1HY 2021 in US\$m

Normalization of investments in organization building



- Growth of SG&A costs below revenue growth since 1HY 2019 +51% vs +92% revenue growth
- SG&A cost increase driven by investments in future growth in line with our strategy ca. US\$ 1m of investments included in overall SG&A 1HY 2020

Statement of Comprehensive Income 1HY 2021

in '000 US\$	1HY 2021	2HY 2020	Variance	1HY 2020	Variance
Revenue	25'795	20'272	27%	30'129	-14%
Cost of sales	-12'840	-9'560	34%	-12'842	0%
Gross Profit	12'955	10'712	21%	17'287	-25%
Gross Margin	50.2%	52.8%		57.4%	
SG&A	-10'576	-8'966	18%	-7,151	48%
Other operating income (net	928	-1'099	n/a	716	30%
Operating Profit	3'307	647	411%	10'852	-70%
Operating Margin	12.8%	3.2%		36.0%	
Other income (net)		-3'331	-95%	-11	1531%
Finance income (net)	238	-889	n/a	-242	-198%
Income before taxation	3'370	-3'574	n/a	10'600	-68%
Taxation	-522	-103	409%	-2'009	-74%
Income after taxation	2'848	-3'676	n/a	8'590	-67%
Ajd. EBITDA	4'769	1'931	147%	12'039	-60%
EBITDA Margin	18.5%	9.5%		40.0%	

Revenues: +27% vs 2HY 2020; -14% vs exceptional 1HY 2020

- Consumer driven demand for functionality from Brands keeps driving our growth (+27% vs prior six months)
- Tough to match an exceptional strong prior year 1HY performance with current market headwinds in supply (-14% vs 1HY 2020) while overall demand remains strong
 - More than 6 months delay of start of a new \$3m sales project due to unstable raw material supply – start only expected for towards end 2021
 - Approx. one month of sales lost (\$5m) in 1HY 2021 due to lockdowns in South Asia
 - Significant, pandemic related stock-building of brand & mill customers in 1HY 2020
 - Price erosion of up to -90% in Personal Protection Equipment & Masks markets in 1HY 2021, now recovering to -60%

(\$) Gross Margin (GM): -7.2% vs 1HY 2020 driven by

- Cost increases for freight & logistics (ca. -1.5% GM)
- Cost increases for raw materials (ca. -3% GM)
- Product mix sold (ca. -2.5% GM)

Increase of SG&A driven by investments in strategic growth initiatives (use of proceeds from capital raise 2020)

Statement of Financial Position

in '000 US\$	June 30, 202	1	Dec 31, 2020	I	Variance
Intangible assets			5'264		442%
Property and equipment			5'467		28%
Right-of-use assets			2'564		71%
Deferred tax asset	980		826		19%
Other non-current assets	811		206		293%
Non-current assets	41'732	45%	14'327	21%	191%
Inventories	12'523 (C)		13'328		-6%
Trade receivables			13'437		24%
Other receivables and prepayme			2'609		1%
Cash and cash equivalents	_{19'910} (A)		25'695		-23%
Current assets	51'727	55%	55'069	79%	-6%
Total assets	93'459	100%	69'395	100%	35%
			10:007		
Total equity	60'109	64%	49'397	71%	22%
Leases (non-current)	3'820		2'304		66%
Long-term borrowings	1'301		1'400		-7%
Deferred tax liability	829		857		-3%
Other non-current liabilities			3'425		-2%
Total non-current liabilities	9'308	10%	7'986	12%	17%
Trade and other payables	11'942		5'815		105%
Accrued liabilities			3'214		-8%
Income tax liability			1'495		-16%
Deferred revenue			-		n/a
Short-term borrowings			173		560%
Leases (current)			349		94%
Other current liabilities			967		447%
Total current liabilities	24'042 (B)	26%	12'013	17%	100%
Total liabilities	33'350	36%	19'999	29%	67%

A Strong balance sheet with 20m cash and low leverage

B Current liabilities include almost 12m of M&A related liabilities (consideration for Life acquisition paid in July 2021, earn-outs due Q1 2022)

Inventories are reduced despite acquisitions, trade receivables are increased mainly by acquisitions

Main fluctuations compared to Dec 2020 driven by our three acquisitions in Q2 2021

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Statement of Cashflows 1HY 2021

in '000 US\$	1HY 2021	1HY 2020	Variance
Income before taxation	3,370	10,600	-68%
Cash flow from operations reconciliation:			
Depreciation and amortisation	1,075	606	77%
Other non-cash adjustments (net)	690	1,540	-55%
Working capital adjustments:	-800	-12,465	-94%
Change in Inventories	2,369	-4,507	-153%
Change in Trade and other receivables	320	-8,923	-104%
Change in Trade and other payables	-3,489	965	-462%
Cash generated from operations	4,336	281	1443%
Taxes paid (incl. Prepaid taxes)	-1,442	-	n/a
Net cash provided by operating activities	2,894	(D) 281	930%
Consideration payment for acquisitions of businesses	-8,444	-294	2772%
Cash assumed on acquisitions of businesses	2,121	-	n/a
Purchase of property, plant and equipment	-284	-307	-7%
Proceeds from the disposal of property and equipment	66	7	847%
Development of intangible assets	-1,329	-44	2921%
Finance income	5	-	#DIV/0!
Net cash used in investing activities	-7,865	(E) -638	1133%
Finance expense	-160	-214	-25%
Repayment of capital leases	-263	-191	37%
Proceeds of borrowings	472	752	-37%
Repayments of borrowings	-113	-	n/a
Net cash provided by financing activities	-64	347	-118%
Net increase/(decrease) in cash and cash equivalents	-5,035	-10	50281%
Cash and cash equivalents – beginning of the year	25,695	3,603	613%
Foreign currency translation adjustments in respect of cash	20,000	0,000	0.070
and cash equivalents	-750	50	-1600%
Cash and cash equivalents – end of the year	19,910	(F) 3,643	447%

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Significant improvement of operating cashflow to \$2.9M (+930%)

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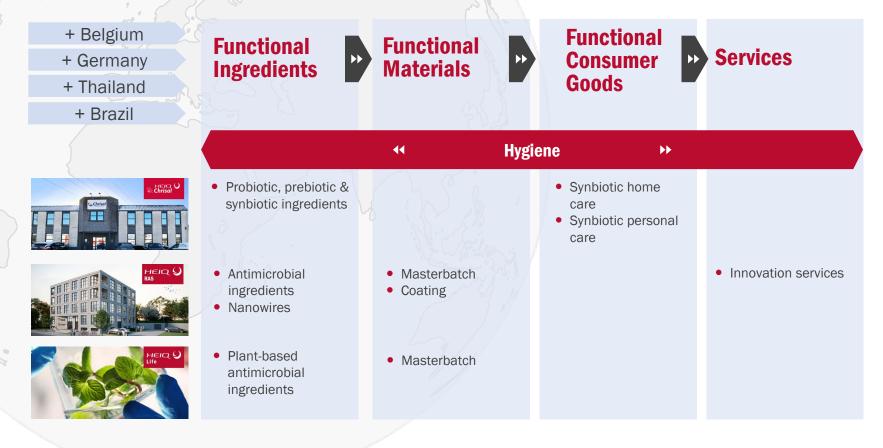
Significant strategic investments (\$8.4M in M&A and \$1.3M in Innovation)

Strong cash position of \$20m for further investments in growth

Strategy Execution Progress & Outlook

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Aquisition of 3 complementing businesses



Innovations, growing markets & customer base

Innovations launched

Q1:

HeiQ Eco Dry SYN, HeiQ Eco Dry CEL, HeiQ Eco Dry LED

Q2:

- HeiQ Soft SRC, HeiQ Hydro PDQ & HeiQ Real Silk LUX
- HeiQ MetalliQ

Q3

- HeiQ Synbio professional cleaning line 7 products
- HeiQ Synbio Clean 2 products
- HeiQ Synbio Care 4 products

2 HeiQ

HeiQ Greater China

- Started in H2 2019 with 2 FTEs
- Today Shanghai counts 14 FTEs and Taiwan 6 FTEs

Leading brands using HeiQ technologies in Greater China

Greater China number of mill customers H1 20/21

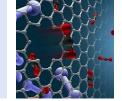
• 92 → 236 (+157%)

Development of new markets for existing products	Coatings 1 strategic partnership		Paints 3 recurring customer account wins	Berger Berger	Laundry & Detergents 2 strategic partnerships	BOSCH
	Fibers 2 strategic partnerships	NYLSTAR	Water Treatment 1 strategic partnership		Digital Printing 1 strategic partnership	Alchemie®

Significant progress in major innovation projects

HeiQ GrapheneX

Highly porous graphene membrane



- First application focus in GrapheneX enhanced Batteries
 - +50% energy density
 - Lighter, more compact
 - Faster charging
 - Longer lifetime
- Latest milestones reached:
 - Pilot commercialization plant design completed
 - PCT Battery patent filed

Hospital Acquired Infection & Surgical Site Infection

- Coated implants
 - HeiQ's medical nanosilver coated trauma implants to prevent Surgical Site Infections
 - German AAP milestone reached with approval for clinical human studies in 16 hospitals

- Antimicrobial and antiviral coating
 - Developed to target hospital surfaces to prevent Nosocomial Infections

- HeiQ Synbio Clean
 - Over 50 hospitals buying in EU
 - Leading Chinese Hospital (Chengdu 8th) won
- USP:
 - Probiotic Cleaning Hygiene System reduces hospital surface pathogens up to 90% vs.
 - conventional chemical cleaningSubstantially reduce antibiotic
 - Substantially reduce antibiotic resistance
 - Substantially reduced costs for hospitals

Outlook Q4

Murphy's law

Value chain downstream

- Unpredictable level of manufacturing activities in key markets
 - South Asia partial lockdown
 - China new energy consumption policy causes shutdown of manufacturing facilities
- Delays in brand innovation project and launch

Supply chain upstream

 Transport & raw material cost remain high, availability remains low

Macroeconomic landscape

- 4th Corona wave is expected in Q4, Asia remains at low vaccination rate
- Increasing inflation and FX volatility

Customer news highlight

Major customer product launch

AHAVA pre+probiotic skincare range



Major brand collaboration

HeiQ x LYCRA Printed & Padded Stretch & Comfort



Pipeline & initiatives

Major innovation launch

- HeiQ Cool product range launch
- Start of 3x up to \$3m p.a. projects:
 - Protection program with Engineered Floors
 - Comfort program with Hanes
 - Hygiene coating program with ICP



Strategic initiatives

- Global footprint expansion
- M&A integration
- Digitization
- Organization structure & processes

Long term growth strategy

- Megatrend & consumer trends confirm demand for branded functionalities
- Focus on Hygiene, Comfort, Protection and Resource Efficiency

Innovation leader

- 1HY: 7 products launched
- Q3: Launched HeiQ Synbio (13 products)
- Q4: HeiQ Cool launch (2 products)

3 complementary M&As

- Strengthening our innovation capabilities
- Expand our product offering in *Hygiene* functionality to become market leader

Growth strategy on track

Growth drivers

- New markets penetration
- Expanded customer base & geographical footprint
- Growing brand equity
- Disruptive innovations in HeiQ's pipeline

Strong financials

- Strong balance sheet
- Low leverage
- Cash generative

Medium term goal: grow revenue from \$50m to \$300m

Differentiate. Innovate.

HeiQ PLC (UK)

London (Ultimate parent)

Australia

Geelong, Australia (R&D/Production)

Switzerland

Schlieren Operational headquarters (R&D & Testing) & Zurzach (Production)

www.heiq.com



Greater China

Tokvo

(Sales)

Shanghai (Warehouse, Testing & Sales) Taiwan (Sales) Hong Kong (Logistics)

Japan Portugal

Maia (R&D/Sales)

HeiQ ChemTex

HeiQ Chrisal

Hei**O** Life

Hong Kong,

Lommel, Belgium

(R&D. Production)

Bangkok, Thailand

Sao Paolo, Brazil

(R&D/Sales)

Concord, NC & Calhoun, GA, USA (R&D/Production/Sales)

Probiotic and synbiotics

HeiQ Medica

HeiQ RAS

(R&D/Sales)

HX Taiwan

Medical Device, Málaga, Spain (R&D, production, sales)

Regensburg, Germany



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Taiwan (Production & Sales)

