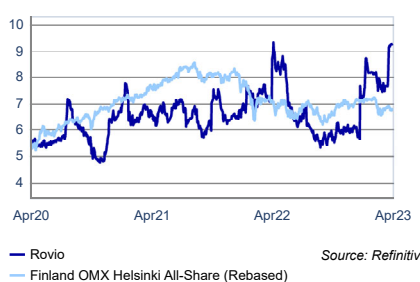


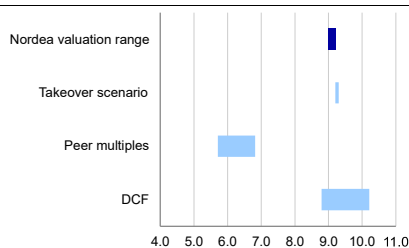
KEY DATA

Stock country	Finland
Bloomberg	ROVIO.FH
Reuters	ROVIO.HE
Share price (close)	EUR 9.32
Free Float	50%
Market cap. (bn)	EUR 0.68/EUR 0.68
Website	http://www.rovio.com/
Next report date	11 Aug 2023

PERFORMANCE



VALUATION APPROACH (EUR/SHARE)



ESTIMATE CHANGES

Year	2023E	2024E	2025E
Sales	0%	0%	0%
EBIT (adj)	-3%	0%	0%

Source: Nordea estimates

Nordea IB & Equity - Analysts

Felix Henriksson
AnalystMarlon Värnik
Analyst

Flying towards a new home

Rovio's Q1 was merely a formality after the recent recommended cash offer of EUR 9.25 per share by Sega. We continue to see a high likelihood of success for the bid owing to: 1) support from the board of directors and shareholder base; 2) implied valuation premium to both peers and historical levels; and 3) headwinds faced by the mobile gaming market in the near term. Given Rovio's strategy review and discussions with potential acquirers ahead of Sega's bid, we believe a competing offer is unlikely at this point. We upgrade our fair value range to EUR 9.0-9.2 (7.8-9.7).

ABDB was the star of Q1; outlook for 2023 reiterated

Rovio reported Q1 revenue 2% below Modular Finance consensus, while adjusted EBIT was in line. Compared to our forecasts, revenue was in line, and adjusted EBIT was 12% above. Bookings for ABDB (+68% y/y and +15% q/q) exceeded our estimates by 11%, while other games missed our estimates. Games' gross bookings showed -13.6% y/y organic growth (Q4: -7.9%; our estimate: -11.4%) for Q1. User acquisition (UA) investments of EUR 23.9m was above our estimate of EUR 23.5m, i.e. 32.3% of Games revenue compared to 31.3% in Q4 2022 and 38.0% in Q1 2022. Rovio continues to expect 2023 to be a stable year for the mobile gaming market. It reiterated its guidance for comparable revenue (our estimate: 0%) and adjusted EBIT (our estimate: -4%) to be flat y/y in 2023. UA costs for Q2 were guided for at 27-32% of Games revenue (our estimate: 29.7%). Regarding the Q2 outlook for key games, Rovio stated that it is working on a turnaround for AB2 and AB Journey. March was the best month ever for ABDB, and AB Friends is witnessing quite a stable trend.

Estimate changes limited

We cut 2023E EBIT by 3% due to Q2 UA guidance being higher than we expected. We keep our 2024-25 estimates broadly unchanged.

Fair value range of EUR 9.0-9.2

In setting our fair value range, we apply a weighted average of three different valuation methods: DCF, peer multiples and a takeover scenario (Sega's bid of EUR 9.25 per share). Given that we see a high likelihood of success for Sega's bid, we assign a 90% weight for our takeover valuation, a 5% weight for our DCF and 5% weight for our peer multiples valuation.

SUMMARY TABLE - KEY FIGURES

EURm	2019	2020	2021	2022	2023E	2024E	2025E
Total revenue	289	272	286	318	316	338	355
EBITDA (adj)	33	65	57	54	50	57	63
EBIT (adj)	18	47	44	39	38	46	53
EBIT (adj) margin	6.4%	17.3%	15.3%	12.3%	11.9%	13.5%	14.9%
EPS (adj, EUR)	0.17	0.48	0.49	0.46	0.41	0.49	0.56
EPS (adj) growth	-44.5%	180.7%	4.0%	-7.7%	-11.1%	19.8%	15.7%
DPS (ord, EUR)	0.09	0.12	0.12	0.13	0.14	0.15	0.16
EV/Sales	0.9	1.2	1.2	0.9	1.6	1.4	1.2
EV/EBIT (adj)	13.5	7.1	8.2	7.2	13.2	10.2	8.3
P/E (adj)	26.1	13.3	13.3	13.3	22.9	19.1	16.5
P/BV	2.1	2.8	2.4	2.0	2.8	2.5	2.3
Dividend yield (ord)	2.0%	1.9%	1.8%	2.1%	1.5%	1.6%	1.7%
FCF Yield bef A&D, lease	1.8%	12.6%	7.7%	9.6%	5.4%	6.0%	6.5%
Net debt	-110	-129	-126	-165	-188	-215	-245
Net debt/EBITDA	-3.4	-2.2	-2.5	-3.8	-3.8	-3.8	-3.9
ROIC after tax	30.0%	79.7%	55.9%	37.8%	39.8%	50.0%	58.1%

Source: Company data and Nordea estimates

Deviation

Q1 2023 DEVIATION

EURm	Actual	NDA est.	Deviation		Consensus	Deviation		Actual	Actual		
	Q1 23	Q1 23E	vs. actual		Q1 23E	vs. actual		Q4 22	q/q	Q1 22	y/y
Revenue	76.0	76.2	(0.2)	0%	77.6	(1.6)	-2%	76.9	-1%	85.0	-11%
EBITDA	12.1	10.9	1.2	11%	11.3	0.8	7%	5.7	112%	11.1	9%
Adj. EBITDA	12.1	10.9	1.2	11%	11.8	0.3	3%	9.6	26%	13.6	-11%
- margin	15.9%	14.3%		1.6pp	15.2%		0.0pp	12.5%	3.4pp	16.0%	-0.1pp
EBIT	8.8	7.9	0.9	12%	8.3	0.5	6%	2.0	340%	7.5	17%
Adj. EBIT	8.8	7.9	0.9	12%	8.8	-	0%	5.9	49%	10.0	-12%
- margin	11.6%	10.3%		1.3pp	11.3%		0.2pp	7.7%	3.9pp	11.8%	-0.2pp
EPS	0.10	0.08	0.02	21%	0.09	0.01	11%	0.00	7318%	0.07	35%
Gross bookings top 5, EURm	63.7	65.1	-1	-2%				65.2	-2%	66.7	-4%
Gross bookings total, EURm	72.0	73.9	-2	-3%				74.0	-3%	80.8	-11%
Games revenue	73.9	73.9	0	0%				74.4	-1%	82.3	-10%
UAC	23.9	23.5	0	2%				23.3	3%	31.3	-24%
UAC as % of Games revenue	32.3%	31.7%		0.6pp	31.8%		0.5pp	31.3%	1.0pp	38.0%	-5.7pp

Source: Company data and Nordea estimates

GROSS BOOKING PER GAME

EURm	Actual	NDA est.	Deviation		Actual	Actual		
	Q1 23	Q1 23E	vs. actual		Q4 22	q/q	Q1 22	y/y
AB2	24.8	27.8	-3.0	-11%	28.6	-13%	30.3	-18%
ABDB	24.9	22.5	2.4	11%	21.6	15%	14.9	67%
AB Friends	8.6	8.8	-0.2	-2%	8.8	-2%	9.3	-8%
AB Journey	3.6	4.4	-0.8	-18%	4.4	-18%	10.1	na
Hypercasual	2.8	2.9	-0.1	-4%	2.7	4%	6.1	n.a.
Other	7.3	7.6	-0.3	-4%	7.9	-8%	10.1	-28%

Source: Company data and Nordea estimates

Estimate revisions

ESTIMATE REVISIONS (EPS AND DPS IN EUR)

EURm	New estimates				Old estimates				Difference %			
	Q2 23E	2023E	2024E	2025E	Q2 23E	2023E	2024E	2025E	Q2 23E	2023E	2024E	2025E
Revenue	75.8	316.2	338.0	355.5	77.7	316.9	336.7	354.0	-2%	0%	0%	0%
- growth y/y	-3.5%	-0.5%	6.9%	5.2%	-1.1%	-0.3%	6.2%	5.2%	-2.4pp	-0.2pp	0.7pp	0.0pp
- organic	-2.7%	1.2%	6.9%	5.2%	-0.3%	1.4%	6.2%	5.2%	-2.4pp	-0.2pp	0.7pp	0.0pp
- FX	-0.8%	-1.7%	0.0%	0.0%	-0.8%	-1.7%	0.0%	0.0%	0.0pp	0.0pp	0.0pp	0.0pp
- structure	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0pp	0.0pp	0.0pp	0.0pp
Adj. EBITDA	10.3	49.8	56.6	70.7	13.0	51.1	56.7	70.4	-21%	-3%	0%	0%
- margin	13.6%	15.7%	16.7%	19.9%	16.7%	16.1%	16.8%	19.9%	-3.2pp	-0.4pp	-0.1pp	0.0pp
Adj. EBIT	7.3	37.7	45.8	53.0	10.0	39.0	45.9	52.7	-27%	-3%	0%	0%
- margin	9.6%	11.9%	13.5%	14.9%	12.9%	12.3%	13.6%	14.9%	-3.3pp	-0.4pp	-0.1pp	0.0pp
EBIT	7.3	37.7	45.8	53.0	10.0	39.0	45.9	52.7	-27%	-3%	0%	0%
- margin	9.6%	11.9%	13.5%	14.9%	12.9%	12.3%	13.6%	14.9%	-3.3pp	-0.4pp	-0.1pp	0.0pp
PTP	7.3	38.1	45.8	53.0	10.0	39.0	45.9	52.7	-27%	-2%	0%	0%
Net profit	5.7	29.8	35.7	41.3	7.8	30.4	35.8	41.1	-27%	-2%	0%	0%
EPS	0.08	0.40	0.48	0.56	0.11	0.41	0.48	0.55	-27%	-2%	0%	0%
DPS		0.14	0.15	0.16		0.14	0.15	0.16		0%	0%	0%
Games												
Revenue	73.5	306.6	329.7	348.2	75.4	307.4	328.3	346.8	-3%	0%	0%	0%
- growth y/y	-3.1%	0.0%	7.5%	5.6%	-0.6%	0.2%	6.8%	5.6%	-2.5pp	-0.2pp	0.7pp	0.0pp
UAC	21.8	89.2	95.0	98.4	20.1	85.6	93.1	96.7	9%	4%	2%	2%
- % of revenue	29.7%	29.1%	28.8%	28.2%	26.6%	27.8%	28.3%	27.9%	3.0pp	1.2pp	0.5pp	0.4pp

Source: Nordea estimates

Detailed estimates

REPORTED ANNUAL NUMBERS AND ESTIMATES (EURm, EUR AND %)

	2017	2018	2019	2020	2021	2022	2023E	2024E	2025E	CAGR 19-22	CAGR 22-25E
Group estimates											
Revenue	297.1	281.2	289.1	272.2	286.2	317.8	316.2	338.0	355.5	3%	4%
- growth y/y		-5.4%	2.8%	-5.8%	5.1%	11.0%	-0.5%	6.9%	5.2%		
- organic					5.8%	-2.0%	1.2%	6.9%	5.2%		
- FX					-2.5%	8.7%	-1.7%	0.0%	0.0%		
- structure					1.9%	4.3%	0.0%	0.0%	0.0%		
- growth q/q											
Materials and services	-81.8	-79.8	-77.3	-74.6	-74.5	-79.6	-79.5	-85.3	-89.9	1%	4%
Employee benefits expense	-52.0	-42.6	-41.7	-48.9	-52.0	-57.8	-57.8	-59.7	-61.8	12%	2%
Other operating expenses	-104.2	-112.0	-138.4	-89.4	-109.7	-139.7	-130.0	-137.5	-142.3	0%	1%
EBITDA	60.0	47.9	32.4	60.0	50.8	43.3	50.0	56.6	62.6	10%	13%
Adj. EBITDA	64.5	47.5	32.7	60.1	54.8	53.8	49.8	56.6	70.7	18%	10%
- margin	21.7%	16.9%	11.3%	22.1%	19.2%	16.9%	15.7%	16.7%	19.9%		
D&A	-28.6	-16.4	-14.3	-17.5	-12.9	-14.7	-12.4	-10.8	-9.6		
EBIT	31.4	31.5	18.1	42.5	37.9	28.6	37.7	45.8	53.0	16%	23%
Adj. EBIT	35.9	31.2	18.4	47.1	43.8	39.2	37.7	45.8	53.0	29%	11%
- margin	12.1%	11.1%	6.4%	17.3%	15.3%	12.3%	11.9%	13.5%	14.9%		
Net financials	-4.6	0.7	-0.3	-1.8	2.7	2.0	0.4	0.0	0.0		
PTP	26.7	32.2	17.7	40.7	40.6	30.6	38.1	45.8	53.0	20%	20%
Taxes	-6.0	-7.7	-4.5	-8.6	-10.2	-7.7	-8.3	-10.1	-11.7		
- tax rate	22%	24%	25%	21%	25%	25%	22%	22%	22%		
Net profit	20.7	24.5	13.2	32.1	30.4	22.9	29.8	35.7	41.3	20%	22%
EPS, diluted	0.27	0.31	0.16	0.42	0.41	0.31	0.40	0.48	0.56	24%	22%
Segment details											
Games											
Revenue	247.9	250.4	264.8	258.2	276.4	306.8	306.6	329.7	348.2	5%	4%
- growth y/y	55.9%	1.0%	5.8%	-2.5%	7.0%	11.0%	0.0%	7.5%	5.6%		
- growth q/q											
UAC, EURm	69.6	78.6	99.6	58.8	77.3	96.8	89.2	95.0	98.4	-1%	1%
- % of revenue	28.1%	31.4%	37.6%	22.8%	28.0%	31.6%	29.1%	28.8%	28.2%		
Brand licencing											
Revenue	49.1	30.8	24.3	13.9	9.9	11.1	9.5	8.3	7.3	-23%	-13%
- growth y/y		-37.3%	-21.1%	-42.8%	-28.8%	11.6%	-13.6%	-12.9%	-12.8%		
- growth q/q											

Source: Company data and Nordea estimates

REPORTED QUARTERLY NUMBERS AND ESTIMATES (EURm, EUR AND %)

	Q1 21	Q2 21	Q3 21	Q4 21	Q1 22	Q2 22	Q3 22	Q4 22	Q1 23	Q2 23E	Q3 23E	Q4 23E
Group estimates												
Revenue	67.1	68.8	71.4	78.9	85.0	78.5	77.4	76.9	76.1	75.8	81.1	83.2
- growth y/y	0.8%	-0.6%	5.2%	15.2%	26.7%	14.1%	8.4%	-2.5%	-10.5%	-3.5%	4.7%	8.2%
- organic	6.7%	5.5%	4.3%	6.2%	12.4%	-1.1%	-4.6%	-10.9%	-13.3%	-2.7%	9.3%	11.9%
- FX	-5.9%	-6.0%	-0.6%	3.0%	5.2%	8.7%	12.0%	8.4%	2.9%	-0.8%	-4.6%	-3.6%
- structure	0.0%	0.0%	1.5%	6.0%	9.1%	6.5%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%
- growth q/q	-2.0%	2.5%	3.8%	10.5%	7.7%	-7.6%	-1.4%	-0.6%	-1.0%	-0.4%	7.0%	2.7%
Materials and services	-18.2	-18.7	-18.3	-19.3	-20.9	-19.3	-19.4	-20.0	-19.5	-19.0	-20.1	-20.9
Employee benefits expense	-12.2	-12.9	-11.3	-15.6	-13.3	-14.6	-14.0	-15.9	-13.4	-14.6	-14.0	-15.8
Other operating expenses	-25.4	-28.6	-24.8	-30.9	-40.8	-31.3	-32.2	-35.4	-31.5	-32.2	-32.3	-34.0
EBITDA	11.8	8.7	16.9	13.4	11.1	14.3	12.2	5.7	12.1	10.3	14.9	12.8
Adj. EBITDA	12.4	8.7	17.2	16.5	13.6	15.0	15.6	9.6	11.8	10.3	14.9	12.8
- margin	18.5%	12.6%	24.1%	20.9%	16.0%	19.2%	20.1%	12.5%	15.6%	13.6%	18.4%	15.3%
D&A	-2.2	-2.5	-2.9	-5.3	-3.6	-3.8	-3.6	-3.7	-3.3	-3.0	-3.1	-3.0
EBIT	9.6	6.2	14.0	8.1	7.5	10.5	8.6	2.0	8.8	7.3	11.8	9.8
Adj. EBIT	10.2	6.2	14.3	13.1	10.0	11.2	12.1	5.9	8.8	7.3	11.8	9.8
- margin	15.2%	9.0%	20.1%	16.6%	11.8%	14.3%	15.6%	7.7%	11.6%	9.6%	14.5%	11.8%
Net financials	0.9	0.1	0.6	1.1	0.2	2.0	1.6	-1.8	0.4	0.0	0.0	0.0
PTP	10.5	6.3	14.6	9.2	7.7	12.5	10.2	0.2	9.2	7.3	11.8	9.8
Taxes	-3.0	-1.1	-3.1	-3.0	-2.2	-2.8	-2.6	-0.1	-1.9	-1.6	-2.6	-2.2
- tax rate	29%	17%	21%	33%	29%	22%	25%	50%	21%	22%	22%	22%
Net profit	7.5	5.2	11.5	6.2	5.5	9.7	7.6	0.1	7.3	5.7	9.2	7.6
EPS, diluted	0.10	0.07	0.16	0.08	0.07	0.13	0.10	0.00	0.10	0.08	0.12	0.10

Segment details**Games**

Revenue	64.9	66.4	68.6	76.5	82.3	75.9	74.2	74.4	73.9	73.5	78.3	80.9
- growth y/y	3.5%	-0.7%	6.9%	18.8%	26.8%	14.3%	8.2%	-2.8%	-10.2%	-3.1%	5.5%	8.8%
- growth q/q	0.8%	2.3%	3.3%	11.5%	7.6%	-7.8%	-2.2%	0.2%	-0.6%	-0.5%	6.5%	3.3%
UAC, EURm	17.3	21.3	18.1	20.6	31.3	20.9	21.3	23.3	23.9	21.8	21.5	22.0
- % of revenue	26.7%	32.1%	26.4%	26.9%	38.0%	27.5%	28.7%	31.3%	32.3%	29.7%	27.4%	27.2%

Brand licencing

Revenue	2.2	2.4	2.8	2.4	2.7	2.6	3.2	2.6	2.2	2.2	2.8	2.3
- growth y/y	-43.6%	4.3%	-24.3%	-41.5%	22.7%	8.3%	14.3%	6.3%	-18.5%	-13.9%	-13.2%	-8.7%
- growth q/q	-46.3%	9.1%	16.7%	-14.3%	12.5%	-3.7%	23.1%	-20.3%	-13.7%	1.8%	24.0%	-16.2%

Source: Company data and Nordea estimates

ESTIMATED KPIs FOR ROVIO'S GAME PORTFOLIO (MILLIONS AND %), ANNUAL

GAME KPIs	2017	2018	2019	2020	2021	2022	2023E	2024E	2025E
Bookings									
Gross bookings - TOP 5	201	213	228	223	229	264	255	237	216
Gross bookings - All	249	253	263	259	272	300	305	330	348
Rolling 12M - TOP5	201	213	228	223	229	264	255	237	216
Rolling 12M - All	249	253	263	259	272	300	305	330	348
User amount									
DAU - TOP 5	4.6	3.7	3.7	3.5	3.2	3.3	3.2	2.9	2.7
DAU - All	10.4	8.1	6.4	4.9	5.0	6.7	7.6	7.9	7.7
MAU - TOP 5	23.8	19.6	18.8	18.9	17.4	18.8	18.5	17.0	15.3
MAU - All	76.8	58.9	43.2	31.4	32.1	46.2	57.6	58.9	55.9
Engagement									
DAU/MAU - TOP 5	19%	19%	20%	18%	18%	18%	17%	17%	17%
DAU/MAU - All	14%	14%	15%	15%	15%	14%	13%	13%	14%
Retention									
MAU retention - TOP5	0%	82%	96%	101%	92%	108%	98%	92%	90%
MAU retention - All	0%	77%	73%	73%	102%	144%	125%	102%	95%
Conversion									
MUP - TOP 5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.3
MUP - All	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.5
Conversion rate (TOP5)	2.0%	2.3%	2.2%	2.1%	2.3%	2.2%	2.2%	2.2%	2.2%
Conversion rate (All)	0.7%	0.9%	1.1%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%
Monetisation									
ARPPU - TOP 5	0.12	0.16	0.17	0.18	0.20	0.21	0.22	0.22	0.22
ARPPU - All	0.07	0.09	0.11	0.15	0.15	0.13	0.11	0.11	0.12
MARPPU - TOP 5	32.9	36.0	39.2	41.7	41.1	45.0	49.9	52.1	52.8
MARPPU - All	32.9	35.7	38.7	41.7	41.2	44.3	43.1	47.7	53.1

Source: Company data and Nordea estimates

ESTIMATED KPIs FOR ROVIO'S GAME PORTFOLIO (MILLIONS AND %), QUARTERLY

GAME KPIs	Q1 21	Q2 21	Q3 21	Q4 21	Q1 22	Q2 22	Q3 22	Q4 22	Q1 23	Q2 23E	Q3 23E	Q4 23E
Bookings												
Gross bookings - TOP 5	55	57	56	61	67	61	71	65	64	64	64	63
Gross bookings - All	64	67	67	74	81	72	72	74	72	74	78	81
Rolling 12M - TOP5	224	223	224	229	241	245	259	264	261	264	257	255
Rolling 12M - All	261	260	262	272	288	294	300	300	291	292	298	305
User amount												
DAU - TOP 5	3.1	3.1	3.2	3.2	3.6	3.3	3.1	3.2	3.2	3.3	3.2	3.1
DAU - All	4.2	4.2	4.9	6.5	7.3	6.7	6.3	6.3	6.1	7.8	8.4	8.2
MAU - TOP 5	16.6	17.1	17.9	18.1	20.8	18.1	17.4	18.9	18.5	18.9	18.5	18.1
MAU - All	25.6	26.0	32.0	44.8	53.3	45.8	42.1	43.7	44.7	59.5	64.7	61.5
Engagement												
DAU/MAU - TOP 5	19%	18%	18%	18%	17%	18%	18%	17%	17%	17%	17%	17%
DAU/MAU - All	16%	16%	15%	15%	14%	15%	15%	14%	14%	13%	13%	13%
Retention												
MAU retention - TOP5	94%	103%	105%	101%	115%	87%	96%	109%	98%	102%	98%	98%
MAU retention - All	94%	102%	123%	140%	119%	86%	92%	104%	102%	133%	109%	95%
Conversion												
MUP - TOP 5	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
MUP - All	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.5	0.5	0.6	0.6	0.6
Conversion rate (TOP5)	2.4%	2.3%	2.2%	2.3%	2.2%	2.2%	2.2%	2.2%	2.2%	2.2%	2.2%	2.2%
Conversion rate (All)	1.8%	1.8%	1.5%	1.1%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
Monetisation												
ARPPU - TOP 5	0.20	0.20	0.19	0.21	0.21	0.20	0.22	0.22	0.22	0.22	0.22	0.22
ARPPU - All	0.17	0.17	0.15	0.12	0.12	0.12	0.13	0.13	0.13	0.10	0.10	0.11
MARPPU - TOP 5	40.7	41.7	40.6	41.4	41.9	45.4	46.3	46.3	45.1	50.9	51.7	51.9
MARPPU - All	41.1	42.5	40.2	40.9	41.5	44.7	45.6	45.5	44.4	42.1	41.2	44.8

Source: Company data and Nordea estimates

GAME ESTIMATES BY TITLE (EURm), ANNUAL

	2017	2018	2019	2020	2021	2022	2023E	2024E	2025E
AB2									
Gross bookings	78.7	117.3	108.4	106.5	107.9	116.0	98.9	91.8	82.7
- % of total	32%	46%	41%	41%	40%	39%	32%	28%	24%
UAC	31.5	39.9	16.3	17.7	19.7	23.6	18.7	13.8	9.1
AB Dream Blast									
Gross bookings	0.0	0.5	57.5	63.2	61.6	68.2	102.0	95.7	88.0
- % of total	0%	0%	22%	24%	23%	23%	33%	29%	25%
UAC	0.0	11.5	60.8	28.0	28.3	35.0	39.7	23.9	17.6
AB Match									
Gross bookings	10.1	26.2	24.4	13.4	8.8	7.5	5.7	3.8	2.5
- % of total	4%	10%	9%	5%	3%	3%	2%	1%	1%
UAC	5.3	6.9	4.0	0.4	0.0	0.0	0.0	0.0	0.0
AB Friends									
Gross bookings	32.7	31.3	25.9	28.1	34.2	35.6	34.2	32.9	31.5
- % of total	13%	12%	10%	11%	13%	12%	11%	10%	9%
UAC	7.4	8.3	3.3	0.6	0.0	0.0	0.0	0.0	0.0
Small Town Murders									
Gross bookings	0.0	0.0	0.0	7.8	15.5	7.0	5.4	4.3	3.3
- % of total	0%	0%	0%	3%	6%	2%	2%	1%	1%
UAC	0.0	0.0	0.0	8.7	14.3	1.7	0.1	0.0	0.0
Sugar Blast									
Gross bookings	0.0	0.0	2.7	9.9	9.2	6.6	5.7	5.0	4.1
- % of total	0%	0%	1%	4%	3%	2%	2%	2%	1%
UAC	0.0	0.0	6.2	3.5	2.1	0.0	0.0	0.0	0.0
Darkfire Heroes									
Gross bookings	0.0	0.0	0.0	0.0	2.0	0.8	0.6	0.4	0.3
- % of total	0%	0%	0%	0%	1%	0%	0%	0%	0%
UAC	0.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0	0.0
AB Journey									
Gross bookings	0.0	0.0	0.0	0.0	3.1	26.9	13.6	12.4	11.4
- % of total	0%	0%	0%	0%	1%	9%	4%	4%	3%
UAC	0.0	0.0	0.0	0.0	3.2	22.0	6.7	4.3	3.4
Moomin: Puzzle and Design									
Gross bookings	0.0	0.0	0.0	0.0	0.0	0.0	13.1	39.2	33.9
- % of total	0%	0%	0%	0%	0%	0%	4%	12%	10%
UAC	0.0	0.0	0.0	0.0	0.0	0.0	12.6	27.4	15.3
Hypercasual (Ruby Games)									
Gross bookings	0.0	0.0	0.0	0.0	5.1	15.8	14.5	16.0	16.6
- % of total	0%	0%	0%	0%	2%	5%	5%	5%	5%
UAC	0.0	0.0	0.0	0.0	0.0	14.3	10.7	8.0	8.3
Other									
Gross bookings	127.1	78.0	44.2	30.3	24.1	15.3	11.0	28.2	74.0
- % of total	51%	31%	17%	12%	9%	5%	4%	9%	21%
UAC	25.4	12.1	9.0	0.0	4.2	0.2	0.7	17.5	44.6

Source: Company data and Nordea estimates

GAME ESTIMATES BY TITLE (EURm), QUARTERLY

	Q1 21	Q2 21	Q3 21	Q4 21	Q1 22	Q2 22	Q3 22	Q4 22	Q1 23	Q2 23E	Q3 23E	Q4 23E
AB2												
Gross bookings	25.2	26.6	26.6	29.5	30.3	28.4	28.7	28.6	24.8	24.8	24.7	24.6
- % of total	39%	40%	40%	40%	38%	39%	40%	39%	34%	34%	32%	30%
UAC	4.5	4.8	4.8	5.6	5.9	5.7	6.0	6.0	5.0	5.0	4.4	4.3
AB Dream Blast												
Gross bookings	15.4	15.0	15.0	16.2	14.9	14.1	17.6	21.6	24.9	26.0	25.8	25.3
- % of total	24%	23%	22%	22%	18%	19%	24%	29%	35%	35%	33%	31%
UAC	7.0	7.0	6.8	7.5	6.7	5.9	10.2	12.2	13.9	11.7	7.7	6.3
AB Match												
Gross bookings	2.4	2.2	2.1	2.1	2.0	1.9	1.8	1.8	1.6	1.5	1.4	1.2
- % of total	4%	3%	3%	3%	2%	3%	2%	2%	2%	2%	2%	2%
UAC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AB Friends												
Gross bookings	8.1	8.3	8.5	9.3	9.3	9.1	8.4	8.8	8.6	8.6	8.6	8.5
- % of total	13%	12%	13%	13%	12%	13%	12%	12%	12%	12%	11%	10%
UAC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small Town Murders												
Gross bookings	3.9	4.7	4.1	2.8	2.2	1.8	1.6	1.4	1.4	1.4	1.3	1.3
- % of total	6%	7%	6%	4%	3%	2%	2%	2%	2%	2%	2%	2%
UAC	3.7	5.0	4.2	1.4	1.1	0.4	0.2	0.1	0.1	0.0	0.0	0.0
Sugar Blast												
Gross bookings	2.5	2.5	2.2	2.0	1.8	1.7	1.6	1.5	1.4	1.4	1.4	1.4
- % of total	4%	4%	3%	3%	2%	2%	2%	2%	2%	2%	2%	2%
UAC	1.0	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Darkfire Heroes												
Gross bookings	0.0	1.1	0.6	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1
- % of total	0%	2%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
UAC	1.0	3.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AB Journey												
Gross bookings	0.0	0.0	0.0	3.1	10.1	7.3	5.1	4.4	3.6	3.4	3.3	3.3
- % of total	0%	0%	0%	4%	13%	10%	7%	6%	5%	5%	4%	4%
UAC	0.0	0.0	0.0	3.2	11.3	5.1	3.1	2.5	2.5	1.7	1.3	1.1
Moomin: Puzzle and Design												
Gross bookings	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	4.1	8.4
- % of total	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	5%	10%
UAC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	4.6	7.5
Hypercasual (Ruby Games)												
Gross bookings	0.0	0.0	1.0	4.1	6.1	4.5	2.5	2.7	2.7	3.0	4.9	3.9
- % of total	0%	0%	1%	6%	8%	6%	3%	4%	4%	4%	6%	5%
UAC	0.0	0.0	0.6	2.9	6.1	3.8	1.9	2.4	2.4	3.0	3.4	2.0
Other												
Gross bookings	6.7	6.2	6.6	4.6	3.9	3.4	4.9	3.0	2.9	2.7	2.6	2.9
- % of total	10%	9%	10%	6%	5%	5%	7%	4%	4%	4%	3%	4%
UAC	0.1	0.6	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.7

Source: Company data and Nordea estimates

Reported numbers and forecasts

INCOME STATEMENT

EURm	2015	2016	2017	2018	2019	2020	2021	2022	2023E	2024E	2025E
Total revenue	142	192	297	281	289	272	286	318	316	338	355
Revenue growth	-10.3%	34.9%	55.0%	-5.4%	2.8%	-5.8%	5.1%	11.0%	-0.5%	6.9%	5.2%
of which organic	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
of which FX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
EBITDA	-6	35	60	48	32	60	51	43	50	57	63
Depreciation and impairments PPE	0	0	0	0	0	0	0	0	0	0	0
of which leased assets	0	0	0	0	0	0	0	0	0	0	0
EBITA	-6	35	60	48	32	60	51	43	50	57	63
Amortisation and impairments	-15	-18	-29	-16	-14	-18	-13	-15	-12	-11	-10
EBIT	-22	17	31	32	18	43	38	29	38	46	53
of which associates	0	0	0	0	0	0	0	0	0	0	0
Associates excluded from EBIT	0	0	0	0	0	0	0	0	0	0	0
Net financials	1	-1	-5	1	0	-2	3	2	0	0	0
of which lease interest	0	0	0	0	0	0	0	0	0	0	0
Changes in value, net	0	0	0	0	0	0	0	0	0	0	0
Pre-tax profit	-21	16	27	32	18	41	41	31	38	46	53
Reported taxes	3	-5	-6	-8	-5	-9	-10	-8	-8	-10	-12
Net profit from continued operations	-18	11	21	25	13	32	30	23	30	36	41
Discontinued operations	0	0	0	0	0	0	0	0	0	0	0
Minority interests	0	0	0	0	0	0	0	0	0	0	0
Net profit to equity	-18	11	21	25	13	32	30	23	30	36	41
EPS, EUR	-0.24	0.14	0.27	0.31	0.17	0.42	0.41	0.31	0.41	0.49	0.56
DPS, EUR	0.00	0.06	0.06	0.09	0.09	0.12	0.12	0.13	0.14	0.15	0.16
of which ordinary	0.00	0.06	0.06	0.09	0.09	0.12	0.12	0.13	0.14	0.15	0.16
of which extraordinary	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Profit margin in percent

EBITDA	-4.5%	18.5%	20.2%	17.0%	11.2%	22.0%	17.8%	13.6%	15.8%	16.7%	17.6%
EBITA	-4.5%	18.5%	20.2%	17.0%	11.2%	22.0%	17.8%	13.6%	15.8%	16.7%	17.6%
EBIT	-15.2%	8.8%	10.6%	11.2%	6.3%	15.6%	13.2%	9.0%	11.9%	13.5%	14.9%

Adjusted earnings

EBITDA (adj)	-6	35	65	48	33	65	57	54	50	57	63
EBITA (adj)	-6	35	65	48	33	65	57	54	50	57	63
EBIT (adj)	-22	17	36	31	18	47	44	39	38	46	53
EPS (adj, EUR)	-0.24	0.14	0.33	0.31	0.17	0.48	0.49	0.46	0.41	0.49	0.56

Adjusted profit margins in percent

EBITDA (adj)	-4.5%	18.5%	21.7%	16.9%	11.3%	23.8%	19.8%	17.0%	15.8%	16.7%	17.6%
EBITA (adj)	-4.5%	18.5%	21.7%	16.9%	11.3%	23.8%	19.8%	17.0%	15.8%	16.7%	17.6%
EBIT (adj)	-15.2%	8.8%	12.1%	11.1%	6.4%	17.3%	15.3%	12.3%	11.9%	13.5%	14.9%

Performance metrics

CAGR last 5 years											
Net revenue	n.a.	n.a.	n.a.	n.a.	12.8%	13.9%	8.3%	1.4%	2.4%	3.2%	5.5%
EBITDA	n.m.	n.m.	n.m.	n.m.	13.7%	n.m.	7.5%	-6.3%	0.9%	11.8%	0.8%
EBIT	n.a.	n.a.	n.a.	n.a.	12.7%	n.m.	17.6%	-1.8%	3.6%	20.4%	4.5%
EPS	n.a.	n.a.	n.a.	n.a.	9.0%	n.m.	23.7%	3.0%	5.6%	24.0%	6.3%
DPS	n.m.	n.m.	n.m.	n.m.	17.6%	n.m.	14.9%	16.7%	9.2%	10.8%	5.9%
Average last 5 years											
Average EBIT margin	n.a.	n.a.	n.a.	6.4%	6.4%	10.5%	11.3%	11.0%	11.1%	12.6%	12.6%
Average EBITDA margin	n.a.	n.a.	n.a.	14.4%	14.1%	17.7%	17.6%	16.2%	16.0%	17.0%	16.3%

VALUATION RATIOS - ADJUSTED EARNINGS

EURm	2015	2016	2017	2018	2019	2020	2021	2022	2023E	2024E	2025E
P/E (adj)	n.a.	n.a.	27.5	12.5	26.1	13.3	13.3	13.3	22.9	19.1	16.5
EV/EBITDA (adj)	n.a.	n.a.	9.7	3.9	7.6	5.2	6.3	5.2	9.9	8.3	7.0
EV/EBITA (adj)	n.a.	n.a.	9.7	3.9	7.6	5.2	6.3	5.2	9.9	8.3	7.0
EV/EBIT (adj)	n.a.	n.a.	17.5	5.9	13.5	7.1	8.2	7.2	13.2	10.2	8.3

VALUATION RATIOS - REPORTED EARNINGS

EURm	2015	2016	2017	2018	2019	2020	2021	2022	2023E	2024E	2025E
P/E	n.a.	n.a.	33.5	12.4	26.6	15.2	15.9	19.4	22.9	19.1	16.5
EV/Sales	n.a.	n.a.	2.11	0.65	0.86	1.23	1.25	0.89	1.57	1.39	1.24
EV/EBITDA	n.a.	n.a.	10.4	3.8	7.7	5.6	7.0	6.5	9.9	8.3	7.0
EV/EBITA	n.a.	n.a.	10.4	3.8	7.7	5.6	7.0	6.5	9.9	8.3	7.0
EV/EBIT	n.a.	n.a.	20.0	5.8	13.7	7.9	9.4	9.8	13.2	10.2	8.3
Dividend yield (ord.)	n.a.	n.a.	0.7%	2.4%	2.0%	1.9%	1.8%	2.1%	1.5%	1.6%	1.7%
FCF yield	n.a.	n.a.	7.2%	13.6%	1.8%	12.7%	6.1%	5.6%	4.8%	5.5%	5.9%
FCF Yield bef A&D, lease adj	n.a.	n.a.	8.3%	13.6%	1.8%	12.6%	7.7%	9.6%	5.4%	6.0%	6.5%
Payout ratio	0.0%	42.0%	18.3%	29.5%	53.1%	25.2%	24.3%	28.5%	34.5%	30.8%	28.4%

Source: Company data and Nordea estimates

BALANCE SHEET

EURm	2015	2016	2017	2018	2019	2020	2021	2022	2023E	2024E	2025E
Intangible assets	69	74	53	39	29	19	62	61	57	57	58
of which R&D	0	0	0	0	0	0	0	0	0	0	0
of which other intangibles	69	74	53	39	29	19	25	21	14	9	7
of which goodwill	0	0	0	0	0	0	38	40	43	47	51
Tangible assets	1	1	1	1	9	10	8	7	7	7	7
of which leased assets	0	0	0	0	8	8	7	5	5	5	5
Shares associates	0	0	0	0	1	2	8	12	12	12	12
Interest bearing assets	0	0	0	0	0	0	0	0	0	0	0
Deferred tax assets	6	1	3	5	6	8	8	8	8	8	8
Other non-IB non-current assets	2	1	1	1	1	1	3	1	1	1	1
Other non-current assets	0	0	0	0	0	0	0	0	0	0	0
Total non-current assets	77	77	57	45	45	39	90	89	86	85	86
Inventory	0	0	0	0	0	0	0	0	0	0	0
Accounts receivable	19	28	29	23	33	21	28	25	25	27	28
Short-term leased assets	0	0	0	0	0	0	0	0	0	0	0
Other current assets	13	16	13	11	15	10	9	9	9	10	10
Cash and bank	34	29	91	124	125	139	161	171	194	221	251
Total current assets	66	73	133	158	172	170	197	205	229	258	289
Assets held for sale	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total assets	143	150	190	203	217	208	287	294	314	343	376
Shareholders equity	74	87	140	160	168	165	198	227	247	273	303
Of which preferred stocks	0	0	0	0	0	0	0	0	0	0	0
Of which equity part of hybrid debt	0	0	0	0	0	0	0	0	0	0	0
Minority interest	0	0	0	0	0	0	0	0	0	0	0
Total Equity	74	87	140	160	168	165	198	227	247	273	303
Deferred tax	0	0	0	0	0	0	3	3	3	3	3
Long term interest bearing debt	16	3	3	3	2	1	0	0	0	0	0
Pension provisions	0	0	0	0	0	0	0	0	0	0	0
Other long-term provisions	0	0	0	0	0	0	0	0	0	0	0
Other long-term liabilities	0	0	0	0	0	0	13	12	12	12	12
Non-current lease debt	0	0	0	0	6	6	4	3	3	3	3
Convertible debt	0	0	0	0	0	0	0	0	0	0	0
Shareholder debt	0	0	0	0	0	0	0	0	0	0	0
Hybrid debt	0	0	0	0	0	0	0	0	0	0	0
Total non-current liabilities	17	3	3	4	8	7	21	18	18	18	18
Short-term provisions	3	1	1	1	0	1	0	0	0	0	0
Accounts payable	8	8	9	11	15	7	9	12	12	13	14
Current lease debt	0	0	0	0	2	3	3	3	3	3	3
Other current liabilities	33	35	37	29	20	25	29	34	34	36	38
Short term interest bearing debt	8	17	0	0	4	0	28	0	0	0	0
Total current liabilities	53	60	47	40	42	36	69	50	49	52	55
Liabilities for assets held for sale	0	0	0	0	0	0	0	0	0	0	0
Total liabilities and equity	143	150	190	203	217	208	287	294	314	343	376
Balance sheet and debt metrics											
Net debt	-10	-10	-88	-120	-110	-129	-126	-165	-188	-215	-245
of which lease debt	0	0	0	0	8	9	7	6	6	6	6
Working capital	-10	1	-4	-5	13	-2	-1	-12	-12	-12	-13
Invested capital	68	78	53	40	58	37	89	77	74	73	73
Capital employed	99	106	143	163	182	175	233	233	253	279	309
ROE	-21.5%	13.3%	18.3%	16.3%	8.1%	19.3%	16.8%	10.8%	12.6%	13.7%	14.4%
ROIC	-31.6%	18.5%	43.9%	53.6%	30.0%	79.7%	55.9%	37.8%	39.8%	50.0%	58.1%
ROCE	-21.5%	16.5%	28.9%	21.1%	11.1%	26.1%	22.8%	17.7%	15.7%	17.2%	18.0%
Net debt/EBITDA	n.m.	-0.3	-1.5	-2.5	-3.4	-2.2	-2.5	-3.8	-3.8	-3.8	-3.9
Interest coverage	n.m.	12.3	6.8	81.5	17.2	34.9	n.m.	n.m.	n.m.	n.m.	n.m.
Equity ratio	51.8%	58.0%	73.8%	78.5%	77.3%	79.4%	68.8%	77.1%	78.6%	79.5%	80.6%
Net gearing	-13.3%	-11.4%	-62.9%	-75.3%	-65.7%	-78.2%	-63.6%	-72.6%	-76.1%	-78.9%	-80.8%

Source: Company data and Nordea estimates

CASH FLOW STATEMENT

EURm	2015	2016	2017	2018	2019	2020	2021	2022	2023E	2024E	2025E
EBITDA (adj) for associates	-6	35	60	48	32	60	51	43	50	57	63
Paid taxes	1	0	-1	-11	-10	-6	-8	-12	-8	-10	-12
Net financials	-1	-2	-1	0	-1	-1	0	-1	0	0	0
Change in provisions	2	-2	0	0	0	1	0	0	0	0	0
Change in other LT non-IB	-6	5	-1	-2	-1	-2	10	1	0	0	0
Cash flow to/from associates	0	0	0	0	0	0	0	0	0	0	0
Dividends paid to minorities	0	0	0	0	0	0	0	0	0	0	0
Other adj to reconcile to cash flow	5	-1	4	4	3	10	1	4	0	0	0
Funds from operations (FFO)	-5	35	60	39	24	62	53	36	42	47	51
Change in NWC	6	-13	-1	3	-13	1	-9	14	0	1	1
Cash flow from operations (CFO)	1	23	60	43	11	64	44	50	42	47	52
Capital expenditure	0	0	0	-1	-4	-5	-7	-7	-5	-6	-7
Free cash flow before A&D	1	23	60	41	7	59	37	43	37	41	44
Proceeds from sale of assets	0	0	0	0	0	0	0	2	0	0	0
Acquisitions	-44	-23	-9	0	0	0	-8	-20	-4	-4	-4
Free cash flow	-42	0	51	41	7	59	29	25	33	37	41
Free cash flow bef A&D, lease adj	1	23	60	41	7	59	37	43	37	41	44
Dividends paid	0	-5	-5	-7	-7	-7	-9	-9	-10	-10	-11
Equity issues / buybacks	0	0	36	1	0	-31	0	0	0	0	0
Net change in debt	25	-6	-17	0	3	-4	0	0	0	0	0
Other financing adjustments	0	0	-1	-3	0	0	0	0	0	0	0
Other non-cash adjustments	-2	5	-3	1	-1	-3	1	-6	0	0	0
Change in cash	-19	-6	62	33	1	14	22	10	23	27	29
Cash flow metrics											
Capex/D&A	0.0%	0.0%	0.0%	7.9%	27.3%	29.1%	52.7%	49.7%	43.6%	59.2%	77.1%
Capex/Sales	0.0%	0.0%	0.0%	0.5%	1.3%	1.9%	2.4%	2.3%	1.7%	1.9%	2.1%
Key information											
Share price year end (/current)	n.a.	n.a.	9	4	4	6	7	6	9	9	9
Market cap.	n.a.	n.a.	715	303	359	463	483	446	684	684	684
Enterprise value	n.a.	n.a.	627	183	248	334	357	281	496	469	439
Diluted no. of shares, year-end (m)	74.9	74.9	79.2	79.4	81.3	73.4	73.4	73.4	73.4	73.4	73.4

Source: Company data and Nordea estimates

Disclaimer and legal disclosures

Origin of the report

This publication or report originates from: Nordea Bank Abp, including its branches Nordea Danmark, Filial af Nordea Bank Abp, Finland, Nordea Bank Abp, filial i Norge and Nordea Bank Abp, filial i Sverige (together "Nordea") acting through their units Nordea Markets and Equity Sales & Research.

Nordea Bank Abp is supervised by the European Central Bank and the Finnish Financial Supervisory Authority and the branches are supervised by the European Central Bank and the Finnish Financial Supervisory Authority and the Financial Supervisory Authorities in their respective countries.

Content of report

This report has been prepared solely by Nordea Markets or Equity Sales & Research.

Opinions or suggestions from Nordea Markets credit and equity research may deviate from one another or from opinions presented by other departments in Nordea. This may typically be the result of differing time horizons, methodologies, contexts or other factors.

The information provided herein is not intended to constitute and does not constitute investment advice nor is the information intended as an offer or solicitation for the purchase or sale of any financial instrument. The information contained herein has no regard to the specific investment objectives, the financial situation or particular needs of any particular recipient. Relevant and specific professional advice should always be obtained before making any investment or credit decision.

Opinions or ratings are based on one or more methods of valuation, for instance cash flow analysis, use of multiples, behavioural technical analyses of underlying market movements in combination with considerations of the market situation and the time horizon. Key assumptions of forecasts or ratings in research cited or reproduced appear in the research material from the named sources. The date of publication appears from the research material cited or reproduced. Opinions and estimates may be updated in subsequent versions of the report, provided that the relevant company/issuer is treated anew in such later versions of the report.

Validity of the report

All opinions and estimates in this report are, regardless of source, given in good faith, and may only be valid as of the stated date of this report and are subject to change without notice.

No individual investment or tax advice

The report is intended only to provide general and preliminary information to investors and shall not be construed as the basis for any investment decision. This report has been prepared by Nordea Markets or Equity Sales & Research as general information for private use of investors to whom the report has been distributed, but it is not intended as a personal recommendation of particular financial instruments or strategies and thus it does not provide individually tailored investment advice, and does not take into account the individual investor's particular financial situation, existing holdings or liabilities, investment knowledge and experience, investment objective and horizon or risk profile and preferences. The investor must particularly ensure the suitability of an investment as regards his/her financial and fiscal situation and investment objectives. The investor bears the risk of losses in connection with an investment.

Before acting on any information in this report, it is recommendable to consult (without being limited to) one's financial, legal, tax, accounting, or regulatory advisor in any relevant jurisdiction.

The information contained in this report does not constitute advice on the tax consequences of making any particular investment decision. Each investor shall make his/her own appraisal of the tax and other financial merits of his/her investment.

Sources

This report may be based on or contain information, such as opinions, estimates and valuations which emanate from: Nordea Markets' or Equity Sales & Research analysts or representatives, publicly available information, information from other units of Nordea, or other named sources.

To the extent this publication or report is based on or contain information emanating from other sources ("Other Sources") than Nordea Markets or Equity Sales & Research ("External Information"), Nordea Markets or Equity Sales & Research has deemed the Other Sources to be reliable but neither Nordea, others associated or affiliated with Nordea nor any other person, do guarantee the accuracy, adequacy or completeness of the External Information.

Limitation of liability

Nordea or other associated and affiliated companies assume no liability as regards to any investment, divestment or retention decision taken by the investor on the basis of this report. In no event will Nordea or other associated and affiliated companies be liable for direct, indirect or incidental, special or consequential damages (regardless of whether being considered as foreseeable or not) resulting from the information in this report.

Risk information

The risk of investing in certain financial instruments, including those mentioned in this report, is generally high, as their market value is exposed to a lot of different factors such as the operational and financial conditions of the relevant company, growth prospects, change in interest rates, the economic and political environment, foreign exchange rates, shifts in market sentiments etc. Where an investment or security is denominated in a different currency to the investor's currency of reference, changes in rates of exchange may have an adverse effect on the value, price or income of or from that investment to the investor. Past performance is not a guide to future performance. Estimates of future performance are based on assumptions that may not be realized. When investing in individual shares, the investor may lose all or part of the investments.

Conflicts of interest

Readers of this document should note that Nordea Markets or Equity Sales & Research has received remuneration from the company mentioned in this document for the production of the report. The remuneration is not dependent on the content of the report.

Nordea, affiliates or staff in Nordea, may perform services for, solicit business from, hold long or short positions in, or otherwise be interested in the investments (including derivatives) of any company mentioned in the report.

To limit possible conflicts of interest and counter the abuse of inside knowledge, the analysts of Nordea Markets and Equity Sales & Research are subject to internal rules on sound ethical conduct, the management of inside information, handling of unpublished research material, contact with other units of Nordea and personal account dealing. The internal rules have been prepared in accordance with applicable legislation and relevant industry standards. The object of the internal rules is for example to ensure that no analyst will abuse or cause others to abuse confidential information. It is the policy of Nordea that no link exists between revenues from capital markets activities and individual analyst remuneration. Nordea and the branches are members of national stockbrokers' associations in each of the countries in which Nordea has head offices. Internal rules have been developed in accordance with recommendations issued by the stockbrokers associations. This material has been prepared following the Nordea Conflict of Interest Policy, which may be viewed at www.nordea.com/mifid.

Please find a list of all recommendations disseminated by Nordea Equities during the preceding 12-month period here: <https://research.nordea.com/compliance>

Distribution restrictions

The securities referred to in this report may not be eligible for sale in some jurisdictions. This report is not intended for, and must not be distributed to private customers in the UK or the US or to customers in any other jurisdiction where restrictions may apply.

This publication or report may be distributed in the UK to institutional investors by Nordea Bank Abp London Branch of 6th Floor, 5 Aldermanbury Square, London, EC2V 7AZ, which is under supervision of the European Central Bank, Finanssivalvonta (Financial Supervisory Authority) in Finland and subject to limited regulation by the Financial Conduct Authority and Prudential Regulation Authority in the United Kingdom. Details about the extent of our regulation by the Financial Conduct Authority and Prudential Regulation Authority are available from us on request.

Nordea Bank Abp ("Nordea") research is not "globally branded" research. Nordea research reports are intended for distribution in the United States solely to "major U.S. institutional investors," as defined in Rule 15a-6 under the Securities Exchange Act of 1934. Any transactions in securities discussed within the research reports will be chaperoned by Nordea Securities LLC ("Nordea Securities"), an affiliate of Nordea and a SEC registered broker dealer and member of FINRA. Nordea Securities does not employ research analysts and has no contractual relationship with Nordea that is reasonably likely to inform the content of Nordea research reports. Nordea makes all research content determinations without any input from Nordea Securities.

The research analyst(s) named on this report are not registered/qualified as research analysts with FINRA. Such research analyst(s) are also not registered with Nordea Securities and therefore may not be subject to FINRA Rule 2241 or FINRA Rule 2242 restrictions on communications with a subject company, public appearances and trading securities held by a research analyst account.

This report may not be mechanically duplicated, photocopied or otherwise reproduced, in full or in part, under applicable copyright laws.

Analyst Shareholding

Nordea analysts do not hold shares in the companies that they cover. No holdings or other affiliations by analysts or associates.

Fair value and sensitivity

We calculate our fair values by weighting DCF, DDM, SOTP, asset-based and other standard valuation methods. Our fair values are sensitive to changes in valuation assumptions, of which growth, margins, tax rates, working capital ratios, investment-to-sales ratios and cost of capital are typically the most sensitive. It should be noted that our fair values would change by a disproportionate factor if changes are made to any or all valuation assumptions, owing to the non-linear nature of the standard valuation models applied (mentioned above). As a consequence of the standard valuation models we apply, changes of 1-2 percentage points in any single valuation assumption can change the derived fair value by as much as 30% or more. All research is produced on an ad hoc basis and will be updated when the circumstances require it.

Marketing Material

This research report should be considered marketing material, as it has been commissioned and paid for by the subject company, and has not been prepared in accordance with the regulations designed to promote the independence of investment research and it is not subject to any legal prohibition on dealing ahead of the dissemination of the report. However, Nordea Markets analysts are according to internal policies not allowed to hold shares in the companies/sectors that they cover.

Market-making obligations and other significant financial interest

Nordea has no market-making obligations in Rovio shares.

As of 30/04/2023, Nordea Abp holds no positions of 0.5% or more of shares issued by Rovio.

As of the publication of this report, the issuer does not hold a position exceeding 5% of the total shares issued in Nordea Abp.

Investment banking transactions

In view of Nordea's position in its markets readers should assume that the bank may currently or may in the coming three months and beyond be providing or seeking to provide confidential investment banking services to the company/companies

Issuer Review

This report has not been reviewed by the Issuer prior to publication.

Completion Date

01 May 2023, 19:20 CET

Nordea Bank Abp	Nordea Bank Abp, filial i Sverige	Nordea Danmark, Filial af Nordea Bank Abp, Finland	Nordea Bank Abp, filial i Norge
Nordea IB & Equity Division, Equity Research Visiting address: Aleksis Kiven katu 7, Helsinki FI-00020 Nordea Finland Tel: +358 9 1651 Fax: +358 9 165 59710 Reg.no. 2858394-9 Satamaradankatu 5 Helsinki	Nordea IB & Equity Division, Equity Research Visiting address: Smålandsgatan 17 SE-105 71 Stockholm Sweden Tel: +46 8 614 7000 Fax: +46 8 534 911 60	Nordea IB & Equity Division, Equity Research Visiting address: Grønjørdsvej 10 DK-2300 Copenhagen S Denmark Tel: +45 3333 3333 Fax: +45 3333 1520	Nordea IB & Equity Division, Equity Research Visiting address: Essendropsgate 7 N-0107 Oslo Norway Tel: +47 2248 5000 Fax: +47 2256 8650