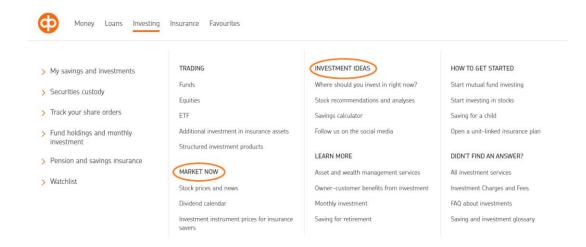


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# OP Research: contents



OP Research has one of Finland's largest teams of financial analysts, with 10 experts focused on sectoral and equity analysis and fixed-income and FX research. Our analysts monitor, forecast and give recommendations on more than 70 companies listed on the Nasdaq Helsinki. OP also provides clients with Finnish-language equity analyses (produced by partners) of a hundred international companies.

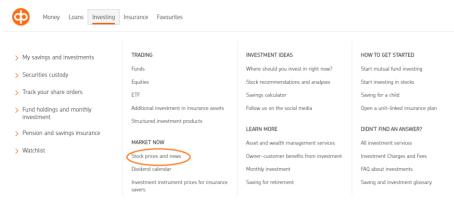
As one of the most comprehensive equity research online services, OP Research can provide you with reports of a scope ranging from single companies to entire markets. You can use the service to sort and compare companies by e.g. recommendation, market value or growth in net sales.

For a more detailed analysis of companies and markets, you can read our latest company and sector–specific comments and morning reports. All reports are in Finnish. If you wish, you can receive a notification whenever a new analysis is published.

To read OP Research material, go to *Market Now* and *Investment Ideas* in the *Investments* section. Under "Market Now", you'll find the latest stock prices, market news and a dividend calendar. In "Investment ideas", you'll find content such as OP Research's latest stock recommendations, analysis reports and a range of key indicators on Finnish companies.



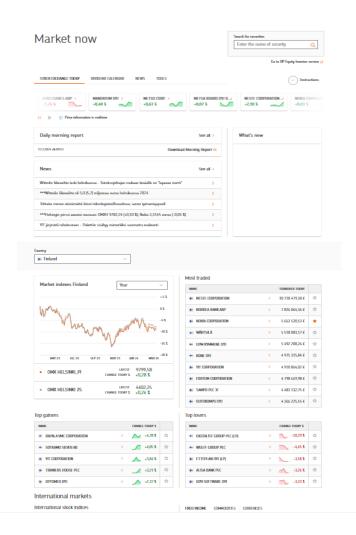
## 1. Stock prices and news



The "Stock prices and news" tab presents what's happening right now on the markets. It is also home to Morning reports, published on each weekday by OP Research. Morning reports provide the hottest macroeconomic and company news.

In addition, the page presents the latest news on markets and companies from the Kauppalehti, Nasdaq GlobeNewswire and Dow Jones Newswires publications. It also features topical market reviews and other content – such as video links and broader, theme-based reports – produced by OP Research.

You can search for securities by name with our upgraded Search function in the top right corner. Enter at least three characters into the empty search field and the Search function will list the securities that match the search term.



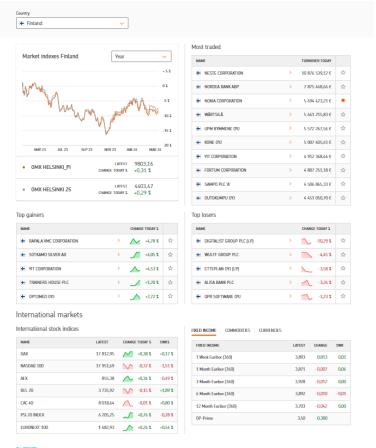


In the lower section of the "Stock exchange today" tab, you'll find various country indexes and the day's most traded shares. The day's biggest gainers and losers on the Finnish stock exchange are also shown.

You can also check the latest movements in Euribor rates, commodities and major currency pairs.

The page has a direct link to the Investments glossary, if you feel the need to explore the meaning of a term. The link is in the page's upper section, just click on this icon:

Sijoittamisen ja säästämisen sanasto







#### 2. Dividend calendar

Go to the "Dividend calendar" page to follow companies' dividend payments, under the headings ex-dividend date, dividend record date and payment date. The table also lists companies' euro-denominated dividends and dividend yields (the share dividend divided by the share price). You can use the table headings to rearrange the companies in your preferred order. A single click on an upper-row heading will arrange the heading's values in ascending order. Click on the heading again and the value order will be reversed.

The "Buy" and "Sell" buttons on the left-hand side of the table will take you directly to the trading site of your selected stock.

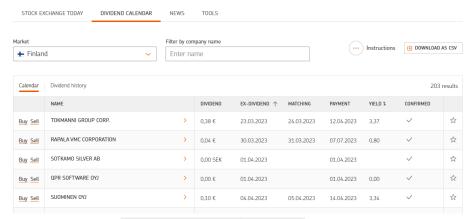
In addition to the dividend calendar, the page includes the dividend history for the current and previous four years. Click the Graph button to view companies' dividend histories as bar graphs.

All data on the page is easy to save for your own use: just click the "Download CSV" button in the top-right corner of the page.

#### Market now



Go to OP Equity Investor service [2]



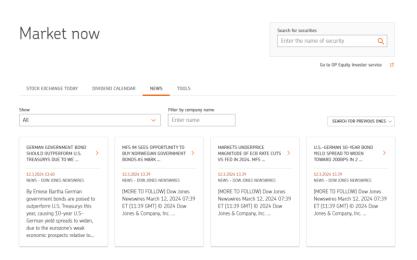


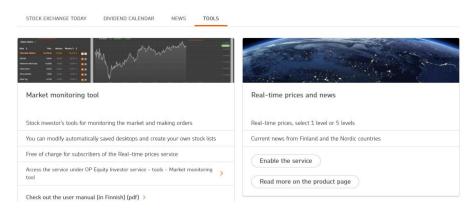


#### 3. News and tools

From the News page, you can click through to the latest market and company news from Kauppalehti, Nasdaq GlobeNewswire and Dow Jones Newswires. Click on Show to choose between all news, Finnish news only, market events or media releases. To read a whole news item, click on the headline in question or click the "Older news" button to search for older news stories from a selected period.

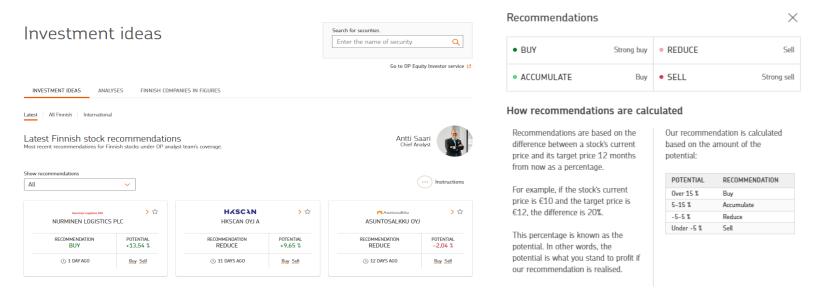
On the Tools page under "Market Now", you'll find the "Market watch" tool. This tool for investors is an advanced service for monitoring markets and placing orders, which you can also use to edit automatically saved desktops and create your own share lists. The tool comes free of charge with the Investor's service package.







### 4. Stock recommendations



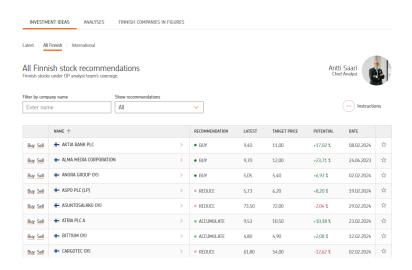
Under "Investment ideas", the "Stock recommendations and analyses" page provides a more detailed view of content created by the OP Research team. The page is divided into three sections: Share recommendations, Analyses, and Finnish companies in figures.

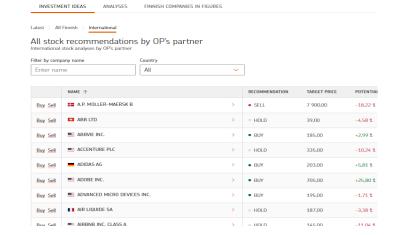
Click on "Share recommendations" to see the most recent share recommendations related to Finnish companies monitored by OP Research. You can select companies, by recommendation type, from the "Show recommendations" drop-down menu (based on the recommendation scale's four steps: Buy, Increase, Reduce and Sell). The page has just been given a more visual layout; the boxes include the company's logo, current recommendation, potential (difference between current share value and target price), when the recommendation was last updated, and direct links to the trading site.



The "All Finnish" tab has a table showing the current share recommendations for all Finnish companies. The table also shows the latest share price, the analyst's target price for the share, and the difference between the two: potential (%). In addition, it states when the recommendation and target price were last updated. You can use the fields above the table to filter your search by company name, or to view companies with a certain recommendation.

Under "Share recommendations", you can also find all share recommendations made by OP's partners, concerning around a hundred international companies. You can view the current recommendation, analyst's target share price and potential (the difference between the current and target share price) (%). Click on the Download analysis button to download analysis reports on various companies. Reports (all in Finnish) by OP's partners provide a wide range of interesting information on the analysed company, including the latest analyst comment, SWOT analysis and key financial figures.





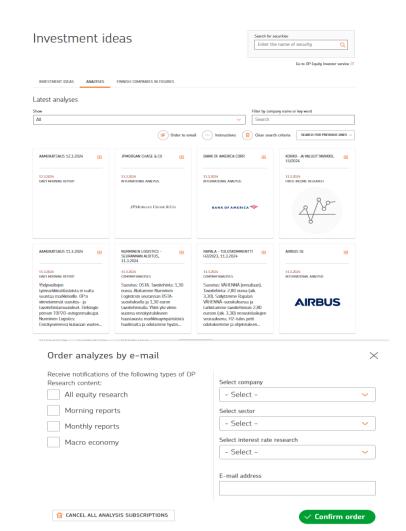


## 5. Analyses

All the latest analyses are gathered on the Analyses tab. Analyses are presented in order of publication. You can use the drop-down menu to choose whether to view the latest Morning reports, international analyses, macroeconomic outlooks, fixed income research or Finnish corporate analyses.

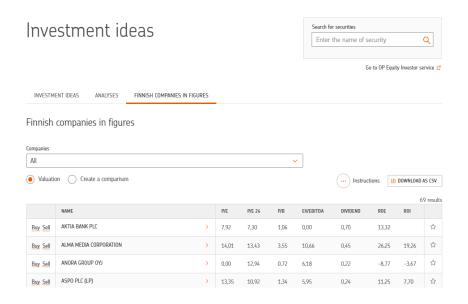
Click this button to read the selected report.

From the upper section of the page, you can order email notifications about new OP Research content. For example, you can select notifications about material on a certain company or sector. You'll be sent email notifications whenever new reports are added to OP's online services. These will keep you up to date with your investments and companies you find interesting. You can cancel email notifications at any time on the same page.





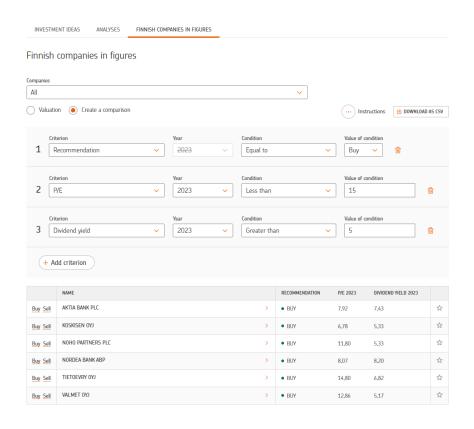
## 6. Finnish companies in figures



The "Finnish companies in figures" tab is divided into two sections. The "Valuation ratios" section includes a table presenting valuation ratios for Finnish companies. Click on the three dots ("About" button) to view explanations of the valuation ratios used in the tables. All key indicators on the page are easy to save for your own use: click the "Download CSV" button in the page's top-right corner.

You can also use the table headings to rearrange the companies in your preferred order. If you click once on an upper-row heading, for example the P/E ratio, the companies will appear in ascending order starting with the lowest P/E ratio. Click on the heading again to reverse the order (into descending order, starting with the highest P/E ratio).





In the other section of "Finnish companies in figures", you can easily create your own comparisons of Finnish companies based on various key indicators. For example, you can view their P/E ratios, or see which companies have the highest dividend yield.

You can select a maximum of five criteria at a time. From the drop-down menu, select

- a search criterion
- the year
- a logical operator (equal to, not equal to, smaller than, greater than)
- enter a value for the search criterion

To empty a criterion field, click on the recycle bin on the right. Click the "About" button to view explanations of the recommendations and value ratios. In addition, you can easily save information on the companies that fulfil your criterion by clicking the "Download CSV" button in the page's top-right corner.



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