



Q3
2024

Consolidated interim report for the period from 1 January to 30 September 2024

Pyrum Group KPIs at a glance

Results of operations and financial position

in EUR thousand	1 Jan. 2024- 30 Sep. 2024	1 Jan. 2023- 30 Sep. 2023
Revenues	1,086	842
Total output	7,653	10,722
Other operating income ¹	881	456
EBITDA ²	-5,445	-4,975
EBITDA (adjusted) ³	-5,904	-5,126
EBIT ⁴	-7,132	-6,576
EBIT (adjusted) ⁵	-7,591	-6,727
Net result	-7,982	-6,853

Net Assets

in EUR thousand	30 Sep. 2024	31 Dec. 2023
Total assets	57,866	50,926
Equity	14,398	22,380
Equity ratio ⁶	24.9%	43.9%
Available liquidity	6,075	4,275
Employees ⁷	85	73

¹ Research grants, subsidies and R&D services

² Consolidated net income for the period before depreciation and amortization, before financial result, before income taxes

³ Adjusted for investment grants of EUR 531 thousand (9M 2023: EUR 151 thousand) and consulting fees for capital procurement in the amount of EUR 72 thousand (9M 2023: EUR 0 thousand)

⁴ Consolidated profit/loss for the period before financial result, before income taxes

⁵ Adjusted for investment grants of EUR 531 thousand (9M 2023: EUR 151 thousand) and consulting fees for capital procurement in the amount of EUR 72 thousand (9M 2023: EUR 0 thousand)

⁶ Equity/total assets

⁷ Period average (12 months)

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Preliminary remark

In this report, we provide information on the business performance of the Pyrum Innovations AG Group for the period from 1 January 2024 to 30 September 2024 and the outlook for future development.

The information and disclosures in this report have not been audited or reviewed by an auditor.

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Pyrum share

Performance of Pyrum shares in the first 9 months of the 2024 financial year

The Pyrum share opened on **2 January 2024** at a price of **EUR 32.20**. The share reached its highest price in the first nine months on **12 February 2024** at **EUR 49.60** and its low of **EUR 22.50** on **9 September 2024**. The closing price on **30 September 2024** was **EUR 24.50**.

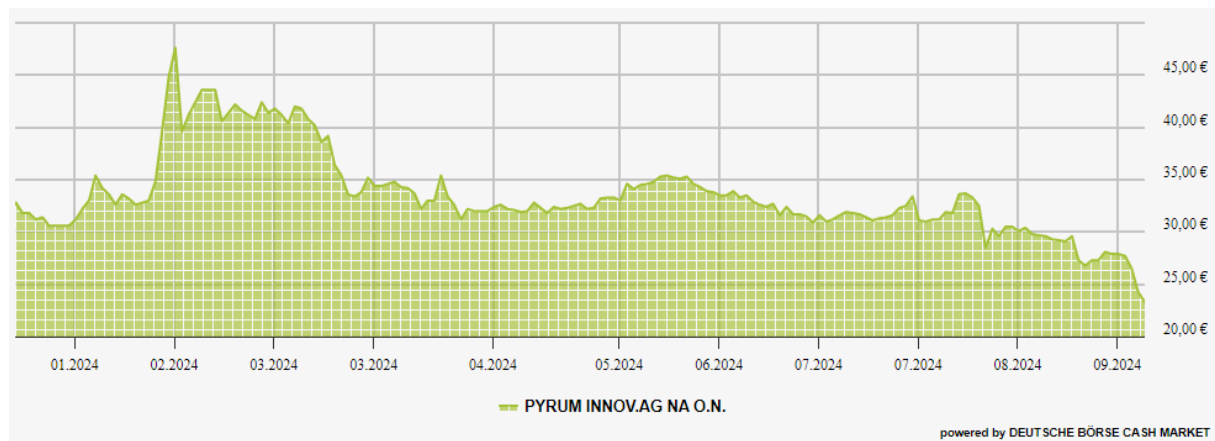
Basic info

ISIN	DE000A2G8ZX8
Ticker symbol	FRA: PYRUM OSLO: PY FRA: SCALE
Trading segment	OSLO: Euronext Growth Market
1st trading day	30 September 2021

Key figures

Price on 2 Jan. 2024	EUR 32.20
Highest price (12 Feb. 2024)	EUR 49.60
Lowest price (9 Sep. 2024)	EUR 22.50
Closing price on 30 Sep. 2024	EUR 24.50
Number of shares	3.25 million

Pyrum's share price development in the first 9 months 2024



The first investor newsletter was published in February 2024 and will now be issued quarterly.

You can find all the relevant information about our investor relations activities in the investor relations section at the following link <https://www.pyrum.net/en/investors/>.

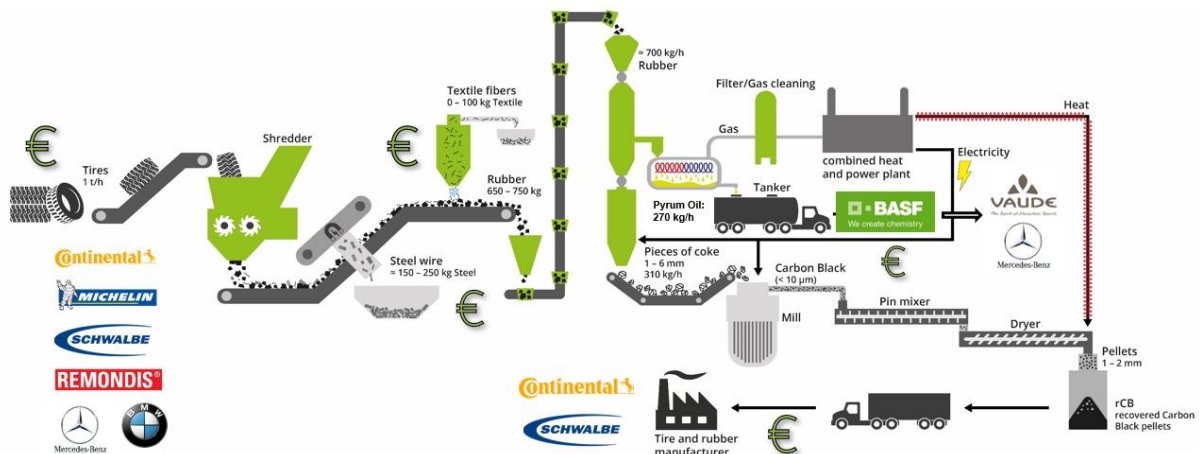
Operating activities

Pyrum Innovations AG is active in the attractive recycling market for end-of-life tyres with its patented thermolysis technology. Pyrum's thermolysis process is largely energy self-sufficient and, according to the Fraunhofer Institute, saves significantly more CO₂ emissions than today's standard recycling processes for used tyres - especially compared to incineration in cement plants - and produces new raw materials such as thermolysis oil, gas and recycled carbon black (rCB) from the waste used as input materials. In this way, Pyrum closes the material cycle and pursues a sustainable business model.

As a pioneer, Pyrum Innovations AG was the first company in the field of end-of-life tyre recycling to receive REACH registration from the European Chemicals Agency (ECHA) for the thermolysis oil it produces back in 2018. This means that the oil is recognized as an official raw material that can be used in production processes. In addition, Pyrum has received ISCC+ certification for the thermolysis oil and the rCB. Both products are therefore considered sustainable and renewable raw materials. With the ISCC+ certification (since 2021), the company confirms to its customers that the secondary raw materials originate from sustainable production.

These successes have also been recognized by international experts and tyre industry groups. For example, the bicycle tyre manufacturer Schwalbe, which purchases rCB for the production of bicycle tyres, has a stake in Pyrum since October 2024. Likewise, since Pyrum's IPO in Oslo in 2021, tyre manufacturer Continental, which uses the recovered carbon black by Pyrum in the production of its Super Elastic solid tyres. In addition, BASF, which has held a stake in Pyrum Innovations AG since 2020 as part of its ChemCycling project, uses thermolysis oil from Pyrum and feeds it into its production network. In 2021, Pyrum also received an award in the Best Tyre Recycling Innovation category at the inaugural Recircle Awards and has already been nominated several times for the 'Grand Prix Mittelstand' by the German state of Saarland.

Value chain



The diagram shows an example of the processing of one ton of used tyres. In order to guarantee the product safety and quality of the end products, Pyrum operates its own tyre shredding plant (shredder). This allows the volume flow and the quality of the input materials to be controlled and checked in a targeted manner.

The disposal fee that Pyrum receives for accepting tyres is used to cover the operating costs of the tyre shredding plant.

The steel, textile and rubber components obtained vary depending on whether truck, car or bicycle tyres are processed. The recovered tyre wire can be processed directly back into new products in steelworks.

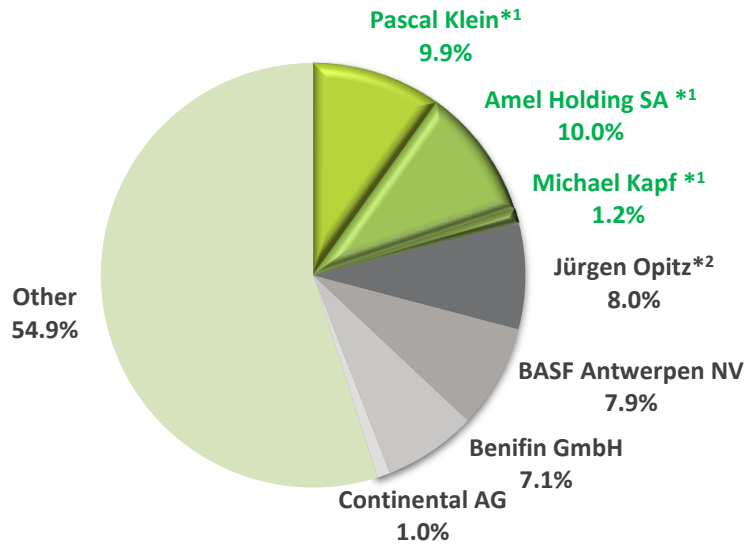
The thermolysis reactor is operated electrically and self-sufficiently by converting the thermolysis gas produced in the process into electricity. More than 150 heat sources ensure optimum and controllable temperature distribution in the reactor. This is the basis for the reproducible production of high-quality thermolysis oil and recovered carbon black (rCB).

As there are no moving parts in the reactor, unwanted oxygen ingress, which can occur in conventional processes such as batch or rotary kilns, is permanently excluded. This guarantees an optimal thermolysis process.

The waste heat from the company's own electricity generation can be used for the drying process of the rCB pellets, which leads to additional CO₂ savings compared to the current recycling mix of used tyres.

By supplying the thermolysis oil to BASF, which uses it to manufacture high-quality products, and using the rCB in tyre production, optimum recycling is achieved.

Shareholder structure of Pyrum Innovation AG as at 30 September 2024

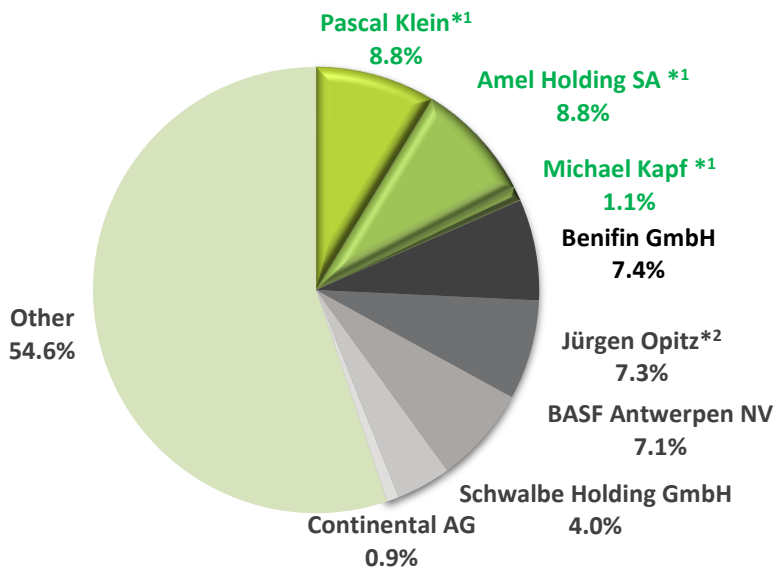


*1 Major founding shareholders

*2 Including attributable shares

→ Approximately 5,400 shareholders were recorded in the share register as at 30 September 2024.

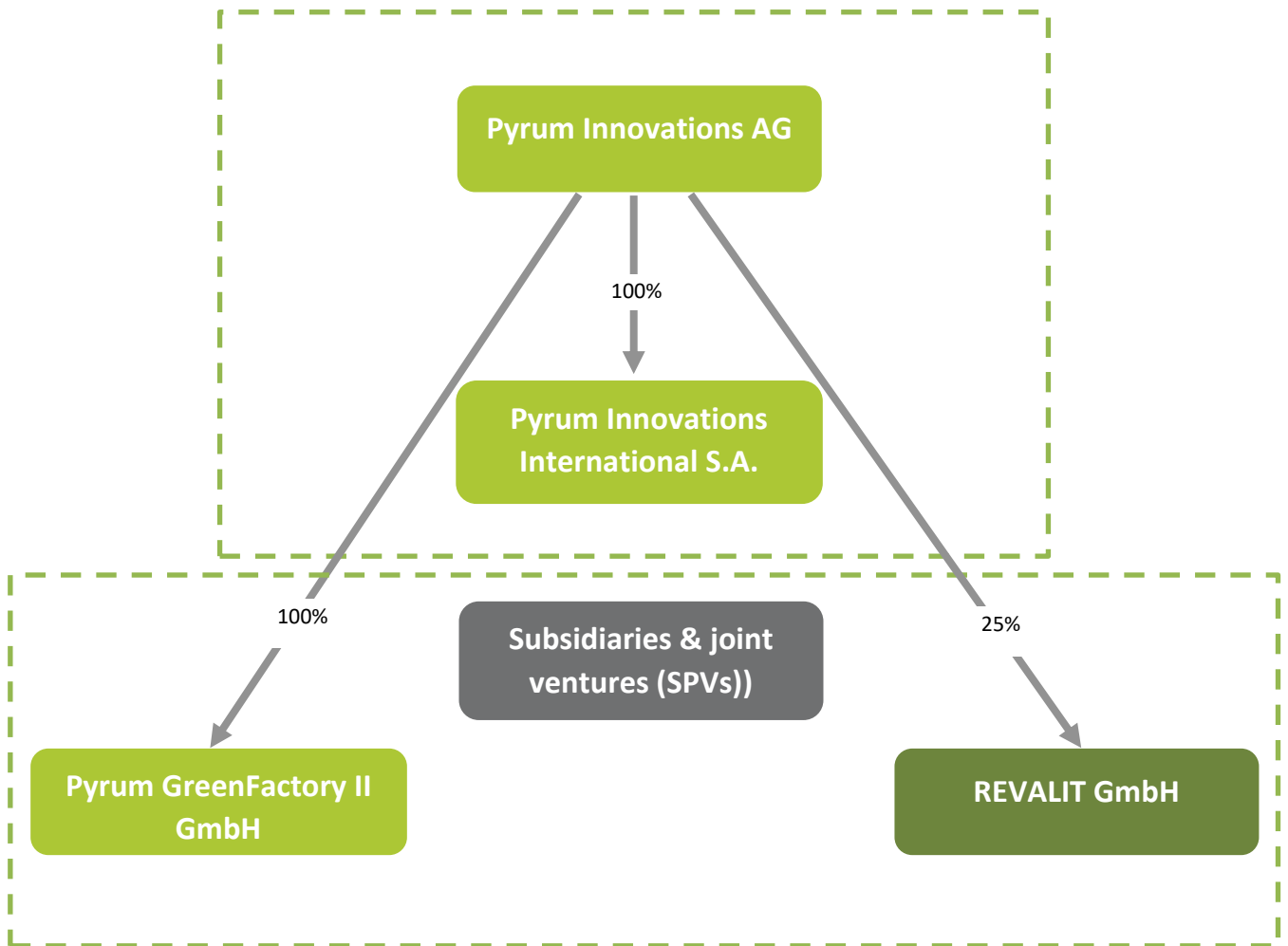
Shareholder structure of Pyrum Innovations AG after capital increase in October 2024



*1 Major founding shareholders

*2 Including attributable shares

Group structure



- ▶ **Pyrum Innovations AG**, based in Dillingen/Saar, Germany, runs the operational business, while Pyrum Innovations International S.A., based in Schengen, Luxemburg, owns the intellectual property and all patents.
- ▶ **Pyrum Innovations AG** has licensed the intellectual property of Pyrum Innovations International S.A..
- ▶ **Pyrum GreenFactory II GmbH** is the project and operating company founded in January 2024 for the plant currently under construction in Perl-Besch.

Development of economic conditions

According to the Federal Statistical Office (Destatis), gross domestic product (GDP) rose slightly by 0.2% in the third quarter of 2024 compared to the previous quarter, after price, seasonal and calendar adjustments. In the second quarter of 2024, GDP fell by 0.3%. In the third quarter, government and private consumer spending increased in particular. In the third quarter of 2024, GDP was 0.2% higher than in the previous year when adjusted for price, but 0.2% lower when adjusted for price and calendar effects, as there was one working day less in the same period of the previous year. This means that economic development in Germany remains at a low level.⁸

By contrast, inflation gradually declined in the third quarter of 2024. In July, the inflation rate was still at a level of 2.3% compared to the same month of the previous year, and initially fell slightly to 1.9% in August and to 1.6% in September. This represents the lowest figure in over three years (February 2021: +1.5%). Most recently, further price declines for energy in particular dampened the inflation rate. In September 2024, prices for energy products were 7.6% below the level of the same month a year earlier. By contrast, prices for services in particular continued to rise relatively sharply, by 3.8% in September 2024.⁹

With regard to the tyre market, more than 1.6 billion new tyres are sold worldwide every year.¹⁰ Accordingly, approximately the same amount of used tyres are produced, of which around 600,000 tons per year in Germany alone, according to the German Federal Environmental Foundation.¹¹ By comparison, a standard pyrolysis plant from Pyrum with three reactors has a recycling capacity of around 20,000 tons of used tyres per year. At the same time, according to a feasibility study conducted by Chemnitz University of Technology on behalf of the German Tyre Trade and Vulcanization Trade Association, there is a deficit in available recycling capacity for used tyres in Germany.¹² This deficit could lead to an increase in illegal dumping, rising disposal costs and an increase in the export of used tyres. The demand for the purchase of used tyres therefore remains high. At a macroeconomic level, the circular economy is increasingly becoming the focus of public attention.

According to information from the AZuR network (Alliance for the Future of Tyres), the export of ELT from Germany to non-EU countries has increased dramatically in recent months. The Network fears that the export volume, estimated at 200,000 tons per year, is highly likely to be incinerated unregulated in destination countries such as Morocco, Turkey, Pakistan, India or South Korea. The network assumes that the CO₂ emissions released as a result amount to around 140,000 tons and jeopardize Germany's climate targets.¹³ This is why there have been calls for a ban on the export of end-of-life tyres for some time now.

As part of the energy transition, there is an increasing focus on sustainable products, which also has an impact on the regulatory framework. The incineration of used tyres in the EU, for example, is associated with ever higher costs for CO₂ emissions. Pyrum Innovations AG can make a decisive contribution to the desired transformation of the economy by recycling used tyres in the material cycle.

⁸ Cf. Destatis: Press release no. 408 dated 30 October 2024

⁹ Cf. Destatis: Press release 489 dated 11 October 2024

¹⁰ BlackCycle Project: Press release dated 3 September 2020

¹¹ German Federal Environmental Foundation: DBU News No. 1 | 2023

¹² Chemnitz University of Technology: New perspectives and fields of application for used tyre recycling (2022)

¹³ <https://www.gummibereifung.de/azur-plaediert-fuer-altreifen-exportverbot>

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Results of operations

The Pyrum Innovations Group generated **sales** of EUR 1,086 thousand (EUR 842 thousand) in the first nine months of 2024. This represents a 29% increase in revenue compared to the first half of 2023.

At EUR 375 thousand (EUR 52 thousand) **increase of finished and unfinished goods** increased significantly compared to the previous year. They mainly relate to engineering services for consulting contracts with a total value of EUR 308x thousand. Inventories of finished goods and work in progress have increased one more by EUR 67 thousand.

Other own work capitalised amounted to EUR 6,192 thousand (EUR 9,828 thousand) as construction of the plant expansion in Dillingen and the new plant in Perl-Besch progressed according to plan. The decrease corresponds to the lower cost of materials required to produce own work capitalized as the degree of completion of the plant expansion in Dillingen increases.

Total output fell by 29% year-on-year to EUR 7,653 thousand (EUR 10,722 thousand) due to the lower level of own work capitalised in the reporting period.

At EUR 881 thousand (EUR 456 thousand), **other operating income almost** than doubled compared to the same period in the previous year. This was due to investment grants of EUR 531 thousand (EUR 160 thousand) the creation of jobs in Dillingen resulting from the plant expansion.

In addition to raw materials and supplies, the **cost of materials** also includes the cost of materials required for the production of own work capitalized. The reported cost of materials amounted to EUR 6,444 thousand (EUR 9,633 thousand) in the first nine months of 2024. This includes EUR 5,361 thousand required for the production of own work capitalized.

Personnel expenses rose by 27% to EUR 4,824 thousand (EUR 3,789 thousand) due to personnel requirements for capacity expansion and inflation-related wage adjustments.

Scheduled **depreciation and amortization** amounted to EUR 1,687 thousand (EUR 1,601 thousand) and resulted on the one hand from regular depreciation of completed assets (Pyrum Innovations AG) and on the other hand with EUR 652 thousand from the amortization of patents (Pyrum Innovations International S.A.).

At EUR 2,690 thousand (EUR 2,711 thousand) **other operating expenses** were lower than in the same period of the previous year. The first nine months of 2024 includes EUR 321 thousand (EUR 341 thousand) in ongoing listing costs.

Interest expenses increased by EUR 580 thousand to EUR 859 thousand (EUR 279 thousand). This resulted in particular from the convertible loan, which has now been paid out in full, and the additional loans taken out since the end of the same period in 2023.

The **consolidated net result for the period** amounted to EUR -7,982 thousand (EUR -6.853 thousand).

Net assets

Intangible assets were regularly amortized by EUR 677 thousand in the reporting period. This reduced the value to EUR 4,984 thousand as at the reporting date (31 December 2023: EUR 5,638 thousand).

Property, plant and equipment increased to EUR 44,904 thousand compared to the balance sheet date of 31 December 2023 (31 December 2023: EUR 39,458 thousand). The main drivers were advance payments and assets under construction amounting to EUR 6,184 thousand for the new Pyrum GreenFactory II GmbH plant in Perl-Besch.

The **financial assets** included EUR 27 thousand in contributions to the investment in REVALIT GmbH (SPV), less the pro rata cumulative result.

Pyrum GreenFactory II GmbH, which was founded in January 2024, has been provided with EUR 5,900 thousand in equity by Pyrum Innovations AG. The company is fully consolidated as a 100% shareholding, meaning that there are no effects from a Group perspective.

Total **fixed assets** amounted to EUR 49,914 thousand (31 December 2023: EUR 45,126 thousand).

Inventories increased to EUR 834 thousand (31 December 2023: EUR 446 thousand) due to the engineering services for the consulting contracts.

Trade receivables amounted to EUR 147 thousand (EUR 101 thousand). The increase results from the normal course of business and the payment terms granted.

Other assets decreased from EUR 702 thousand to EUR 627 thousand. The reduction is due to lower V.A.T. refund claims in the reporting period.

Total assets increased to EUR 57.866 thousand (31 December 2023: EUR 50,926 thousand).

Financial position

Capital structure

The Pyrum Group's **equity** amounted to EUR 14,398 thousand as at 30 September 2024 (31 December 2023: EUR 22,380 thousand).

The **equity ratio** fell to 24.9% due to the consolidated result for the reporting period (31 December 2023: 43.9%).

Provisions decreased slightly to EUR 3,164 thousand (31 December 2023: EUR 3,188 thousand). This includes the inventor remuneration to be recognized as a liability in the Group, which cannot be claimed until Pyrum Innovations International S.A. becomes profitable.

Liabilities to banks decreased to EUR 3,250 thousand as at 30 September 2024 due to scheduled repayments (31 December 2023: EUR 3,599 thousand).

Liabilities from advance payments received amounted to EUR 2,900 thousand as at the reporting date (31 December 2023: EUR 651 thousand). This includes an advance payment from Continental for future rCB deliveries.

Trade payables decreased by EUR 774 thousand to EUR 1,439 thousand (31 December 2023: EUR 2,213 thousand).

Other liabilities increased to EUR 32,928 thousand as at 30 September 2024 (31 December 2023: EUR 18,895 thousand). EUR 14,300 thousand of the increase was mainly due to the disbursement of two further loan tranches from BASF for the construction of the plant in Perl-Besch.

Liquidity position

The company continuously monitors the available liquidity and potential investment effects. Land purchases are generally refinanced on a long-term basis to conserve liquidity in order to ensure roll-out planning.

Cash in hand and bank amounted to EUR 6,284 thousand as at 30 September 2024 (31 December 2023: EUR 4,483 thousand). The increase results from the loan disbursements described above.

Cash flow statement

The cash flow statement is structured in accordance with the requirements of DRS 21.

In the first nine months of 2024, the negative **cash flow from operating activities** decreased to EUR -4.153 thousand compared to the same period of the previous year (EUR -4.377 thousand). The expected increase in the negative operating cash flow resulting from the higher operating loss was offset by the one-time effect of the Continental advance payment.

Cash flow from investing activities amounted to EUR -6.913 thousand - mainly due to investments at the Perl-Besch site - compared to EUR -9,940 thousand in the same period of the previous year.

Cash flow from financing activities increased to EUR 12,866 thousand (EUR 6,209 thousand). This was mainly due to the disbursement of loan tranches totalling EUR 14,300 thousand from the loan agreement concluded with BASF in November 2023. In addition, the payment of the investment grant, less loan repayments made and higher interest payments compared to the previous year, contributed to cash flow from financing activities.

The Group companies were able to meet their payment obligations at all times.

Report on own and customer projects



Development at the main plant in Dillingen/Saar

Expansion of Dillingen TAD 2 & 3

The development of the site expansion at the main plant in Dillingen/Saar was explained in detail in the 2023 Annual Report, to which particular reference is made here.

As part of the commissioning of the TAD 2 & 3 power generation unit, the maximum capacity tests of the individual turbines began in April 2024. The test has now been successfully completed for three of the five turbines. Warranty defects are still being rectified on two further turbines.

In October 2024, the first test run at maximum plant utilization was successfully completed in the new TAD 3 production line as part of a full-load test. After three weeks of partial-load operation, the plant was slowly ramped up to full capacity and maintained at that level for one week before the scheduled maintenance shutdown. During the test run, the plant's solids content reached the planned maximum capacity of 100%. Oil and gas production was kept at 95% due to blockages in the quench pump that transports the oil and gas vapor from the reactor to the condensers. The announced full-load test at TAD 2 was delayed and postponed to the subsequent test run, as priority was given to the product approval of Continental.

Since the beginning of the first warm-up of TAD 2 & 3, a total of around 550,000 liters of oil have been produced in the two reactors and delivered to BASF. At the time of this reporting, Pyrum continues to assume that the commissioning of TAD 2 & 3 can be completed in the first quarter of 2025.

The foundation for the milling hall was completed on schedule at the end of October. In addition, the steel construction is currently being tendered. All plant components of the milling plant have already been delivered and stored in Dillingen. Due to the technical integration with the pelletizing plant,

assembly is planned for Q1 2025. The start of the additional rCB production is a key focus for the first half of 2025.

Ongoing (customer) projects in plant engineering

The focus of activities in 2024 is on the approval procedures for the ongoing projects and on taking into account the respective site-specific features. In addition to the projects described below, Pyrum has further projects in the European area, such as the construction of a plant in the UK with SUEZ.

Perl-Besch (Pyrum GreenFactory II GmbH)

Pyrum is making good progress with the planning of its next own plant at the site in Perl-Besch. At the end of February, preparatory measures for the development and site preparation of the first construction phase at the new Pyrum site were carried out on an area of 8,800 m².

In May, the Perl municipal council voted on the legally effective amendment to the development plan and approved the amendment to the statutes by a majority, thus approving the new development plan. Accordingly, only the construction of a Pyrum GreenFactory II GmbH tyre thermolysis plant was approved on the property. The amendment to the statutes was published by the municipality of Perl in the official gazette at the end of May.

The implementation contract between the municipality of Perl and Pyrum Innovations AG was also signed. As part of the construction of the Pyrum plant, Pyrum will create a compensation area elsewhere, which will be reforested with higher-quality woodland.

The preparation of the final approval documents for the early start of construction is making further progress. The scope of the expert reports to be prepared has increased slightly compared to the original planning. Due to short-term adjustments in the technical preparation, work on the last expert report began on 3 November. The documents are expected to be submitted in the fourth quarter of 2024. Once the early start of construction has been approved, the ground-breaking ceremony will take place at the new site in Perl-Besch. This is currently scheduled for Q1 2025.

Czech Republic

On 25 September 2023, Pyrum Innovations AG signed a consulting agreement with a Czech energy group for the construction of a Pyrum thermolysis plant in the Czech Republic in order to prepare the approval of the tyre recycling plant and submit the building application. The final investment decision is currently expected to be made in 2025. The new plant with a capacity of 20,000 tons of used tyres per year is to be built in the Czech border region with Germany and go into operation in 2027. The Czech partner, which is active in the field of energy and recycling management, already operates a power plant on the site and can without additional CAPEX generate electricity from the thermolysis gas in future. This will allow the company to benefit from synergies and existing structures in the planning and implementation of the new plant.

The project SPV (special purpose vehicle) was founded by the Czech partner for the construction and operation of the new plant. During the contract negotiations, it was agreed that Pyrum would take a minority stake of up to 49% in the company upon approval to start construction.

The building permit is currently being prepared with the assistance of a renowned Czech engineering firm. It is planned to file the necessary documents in the beginning of the next year, which will enable us to start construction even during the season 2025.

Greece ("Thermo Lysi SA")

The plant of the Greek project company Thermo Lysi SA is to be built approximately 140 km north of Athens. It will have a capacity of 20,000 tons of ELT per year and would therefore be able to cover almost half of the total amount of used tyres in Greece - around 50,000 tons of used tyres are produced in the country every year. The new plant will help to recycle these used tyres sustainably and recover valuable resources. Pyrum is planning to take a 15% stake in the equity of the project company.

The decision on the subsidy application for the project is still pending. The operator of the future plant has signed a contract with Ecoelastika, the only disposal system for scrap tyres in Greece. A supply agreement for 20,000 tons of scrap tyres per year is currently being worked on, which is to apply over several years from 2026. In addition, a building application has been submitted to the relevant building authority by Thermo Lysi. The presentation date for this took place in September 2024. Feedback from the authorities is expected before the end of the current financial year 2024.

Bremen - REMONDIS

The joint venture with the recycling company, REMONDIS, is to be built on a site in the port area of Bremen. It will have a recycling capacity of 20,000 tons of used tyres per year. The agreement on the planning and preparation of the approval documents has been concluded. If all parties involved make a positive investment decision, it is planned that Pyrum will acquire a 33% share in the SPV.

Emleben - UNITANK

The memorandum of understanding (MoU) with UNITANK Betriebs- und Verwaltungs GmbH provides for the realization of up to ten joint plants. For the potential first joint project in Emleben (Thuringia), the suitability of the land was examined in detail and discussions were held with local authority representatives and utility companies to determine which site-specific features need to be taken into account and to ensure that the connection to the public grid was provided to the required extent at an early stage. Together with its partner UNITANK, extensive preliminary work is underway at project level on pre-engineering, the creation of a business plan and preparations for the planned future shareholding structure for a potential joint venture in plant construction and operation. At the same time, UNITANK is holding talks with future suppliers for the tyre input and with potential customers for the end products. In addition, the target regions for the next joint plants are being coordinated with UNITANK.

Sweden ("GreenTech Recycling Tyres AB")

At the end of February 2024, a consulting agreement was signed between GreenTech Recycling Tyres AB and Pyrum Innovations AG, which provides for the construction of a joint thermolysis plant in Sweden. It is planned that Pyrum will participate in the SPV with up to EUR 3,000 thousand, provided that GreenTech's financing has been fully secured.

In close collaboration with the GreenTech team, the preparation of the licence application is progressing at a rapid pace. The layout is nearing completion. The company is also working closely with the environmental consultant in Sweden to organise an application conference and a project pitch with the authorities in December to determine the scope of the permit.

Both partners are aiming to build a plant with a recycling capacity of 20,000 tons of ELT per year. The commissioning is scheduled to start in 2027.

Supplementary report and outlook

Significant events after 30 September 2024

On 22 October 2024, Pyrum carried out a successful cash capital increase that generated gross proceeds of around EUR 10 million. As part of this measure, 363,637 new shares were placed at a price of EUR 27.50 per share. This increased the share capital from EUR 3,253,735 (EUR 1 per share) to EUR 3,617,372.

In the course of this capital increase, Schwalbe Holding GmbH invested EUR 4 million in Pyrum and now holds a 4% stake in Pyrum Innovations AG.

The proceeds from the capital increase will support the development of the new site in Perl-Besch, the possibility of participating in joint ventures for the construction of new plants of Pyrum Innovations AG and will also be used for general corporate purposes.

On 19 November 2024, the company received approval to supply its Pyrum rCB from the two new production lines, TAD 2 and TAD 3, to Continental. With values of 2.16 (TAD 2) and 2.70 (TAD 3) for long-term process stability (Cpk) and 2.49 (TAD 2) and 3.38 (TAD 3) for short-term process stability (Ppk), Pyrum is above the industry-standard values specified by the automotive industry (Cpk: 1.33; Ppk: 1.67) and thus meets the specified conditions of Continental. The audit was necessary to verify that the rCB is of consistently high quality so that Continental can use it in tyre production.

Risks and opportunities

The identification of risks and opportunities and the introduction of measures to mitigate risks are a core issue of corporate management.

Compared to the assessment at the time the 2023 annual and consolidated financial statements were prepared, there were no significant changes in this regard during the reporting period. The opportunity and risk assessments are explained in detail in the Combined Management Report 2023, to which explicit reference is made at this point.

Overall assessment of the risk and opportunity situation

There are currently no risks that pose a threat to the company as a going concern. The business opportunities outweigh the potential risks.

Future economic conditions

In its current forecast from October 2024, the International Monetary Fund (IMF) continues to expect subdued growth of 3.2% in the global economy in 2024. In the previous year, 2023, growth amounted to 3.3%. At 3.8%, the historical average continues to show significantly higher momentum. The IMF is therefore assuming stable but still weak global economic growth with falling inflation. The outlook has changed significantly over the course of the year. In Europe in particular, the IMF lowered its expectations for 2024. In the emerging markets, geopolitical conflicts, disruptions to production and supply chains and extreme weather events also led to weaker prospects in regions such as the Middle East and Africa. The IMF expects gross domestic product in the eurozone to increase by 0.8% in 2024 as a whole. The IMF expects economic development in Germany to stagnate, having assumed slight growth of 0.2% in its July forecast.¹⁴ The Deutsche Bundesbank also expects the German economy to stagnate in the fourth quarter and attributes the ongoing economic weakness in particular to low demand in industry and construction and uncertainties regarding investments.¹⁵

Outlook for the rest of 2024

With the publication of the half-year report, Pyrum adjusted its forecast for 2024 on 27 September 2024. There are no changes to these adjustments as at the reporting date.

The **Group's earnings before interest and taxes** are expected to be between EUR -10.0 million and EUR -12.0 million in 2024.

Revenue from product sales is planned at between EUR 1.7 million and EUR 2.0 million. Including other income, particularly from consulting contracts, sales are expected to amount to between EUR 1.9 million and EUR 2.4 million. The realization of sales from consulting contracts depends in particular on the granting of approval for the start of construction in the Czech Republic.

The storage situation has eased due to leases in the neighborhood of the new plant in Perl-Besch, meaning that the stockpiling of unmilled carbon black is no longer a bottleneck and the value creation of this pre-produced material will take place at the new site at a later stage. The postponed "maximum capacity test" on TAD 2 is to be carried out during the next test run. Results are expected shortly.

For 2024, the management expects a **total output** of around EUR 10 million.

Pyrum Innovations AG

Dillingen/Saar, 21 November 2024



Pascal Klein
CEO



Kai Winkelmann
CFO

¹⁴ IMF: World Economic Outlook Update October 2024

¹⁵ Deutsche Bundesbank: Press release, 24 October 2024

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Consolidated interim balance sheet as of 30 September 2024

ASSETS (in EUR)

	30 Sep. 2024	31 Dec. 2023
A. Non-current assets		
I. Non-current intangible assets		
1. Self-created rights and licences in such rights	43,279.00	58,261.00
2. Acquired rights and licences in such rights	4,857,185.79	5,518,847.79
3. Intangible assets under development	83,059.45	60,535.33
	4,983,524.24	5,637,644.12
II. Property, plant, and equipment		
1. Land and buildings	3,887,300.84	3,956,416.84
2. Technical equipment and machinery	7,152,450.32	4,042,909.32
3. Other equipment, operating and office equipment	1,036,922.00	1,076,448.00
4. Advances paid and assets under construction	32,826,876.36	30,382,206.43
	44,903,549.52	39,457,980.59
III. Non-current financial assets		
Shares in associates	27,421.62	29,921.62
Total non-current assets	49,914,495.38	45,125,546.33
B. Current assets		
I. Inventories		
1. Raw materials and supplies	207,732.02	194,900.00
2. Work in progress	472,466.58	164,692.43
3. Finished and unfinished goods	153,652.88	86,601.81
	833,851.48	446,194.24
II. Receivables and other current assets		
1. Trade receivables	146,505.32	101,067.04
2. Other current assets	626,895.24	702,080.57
	773,400.56	803,147.61
III. Cash at hand and in bank		
	6,283,519.95	4,482,957.30
Total current assets	7,890,771.99	5,732,299.15
C. Deferred expenses	60,403.97	68,295.57
Total assets	57,865,671.34	50,926,141.05

Consolidated interim balance sheet as of 30 September 2024

EQUITY AND LIABILITIES
(in EUR)

	30 Sep. 2024	31 Dec. 2023
A. Equity		
I. Subscribed Capital	3,253,735.00	3,253,735.00
II. Capital Reserves	52,058,141.06	52,058,141.06
III. Accumulated Losses	-40,913,807.14	-32,932,016.31
Total Equity	14,398,068.92	22,379,859.75
B. Provisions and Accrued Liabilities		
Other provisions and accrued liabilities	3,164,269.68	3,188,022.43
C. Liabilities		
1. Liabilities to banks	3,249,977.06	3,599,173.73
2. Advance payments received	2,900,000.00	651,115.00
3. Trade payables	1,438,557.93	2,212,942.15
4. Other liabilities	32,714,797.75	18,895,027.99
Total liabilities	40,303,332.74	25,358,258.87
Total equity and liabilities	57,865,671.34	50,926,141.05

Consolidated interim income statement for the first nine months 2024

(in EUR)	1 Jan. - 30 Sep. 2024	1 Jan. - 30 Sep. 2023
1. Revenues	1,086,230.91	841,656.12
2. Increase of finished and unfinished goods	374,825.22	52,319.30
3. Other own work capitalised	6,191,817.51	9,828,162.80
4. Total output	7,652,873.64	10,722,138.22
5. Other operating income	880,760.85	456,334.80
6. Expenses for materials		
a) Expenses for raw materials and supplies	5,376,796.90	8,172,965.29
b) Expenses for purchased services	1,067,406.55	1,460,272.94
	6,444,203.45	9,633,238.23
7. Personnel expenses		
a) Wages and salaries	4,048,071.03	3,221,274.64
b) Social security contributions and expenses for pension provision	775,959.47	568,001.27
	4,824,030.50	3,789,275.91
8. Depreciation, amortisation and write-downs of intangible non-current assets and property, plant, and equipment	1,687,273.06	1,601,235.23
9. Other operating expenses	2,689,887.31	2,710,701.22
10. Other interest and similar income	12,852.76	7,655.82
11. Interest and similar expenses	858,992.74	278,941.30
12. Cost of equity valuation of associates	2,500.00	6,000.00
13. Result after taxes	-7,960,399.81	-6,833,263.05
14. Other taxes	21,391.02	20,227.74
15. Net loss for the year	-7,981,790.83	-6,853,490.79
16. Loss carried forward from the previous year	-32,932,016.31	-23,420,539.29
17. Balance sheet loss	-40,913,807.14	-30,274,030.08

Consolidated cash flow statement for the first nine months 2024

(in EUR)	1 Jan. - 30 Sep. 2024	1 Jan. - 30 Sep. 2023
Net income/loss for the period	-7,981,791	-6,853,491
Depreciation, amortisation of non-current assets / reversals of write-downs of non-current assets	1,687,273	1,601,235
Increase/decrease in provisions	6,003	213,385
Other non-cash expenses/income	2,500	6,000
Increase/decrease in inventories, trade receivables and other assets not related to investing or financing activities	-350,881	587,466
Increase/decrease in trade payables and other liabilities not attributable to investing or financing activities	2,207,326	-67,218
Interest expenses/income	816,386	271,286
Miscellaneous other income not attributable to cash flow from operating activities	-539,557	-149,921
Cash flow from operating activities	-4,152,741	-4,377,400
Payments for investments in non-current assets	-22,524	-50,823
Payments for investments in property, plant and equipment	-6,903,725	-9,894,674
Interests received	12,853	442
Cash flow from investing activities	-6,913,396	-9,940,055
Proceeds from short- or long-term (financial) loans	14,300,000	6,000,000
Payments from the redemption of (financial) loans	-970,169	-1,015,396
Proceeds from grants/subsidies received	395,000	1,500,000
Interests paid	-858,993	-275,250
Cash flow from financing activities	12,865,838	6,209,354
Net change in cash funds	1,799,701	-8,108,101
Cash funds at beginning of period	4,275,304	12,518,505
Cash funds at end of period	6,075,005	4,410,404

Consolidated statement of changes in equity for the first nine months 2024

	Subscribed capital	Capital reserve		Total	Total reserves	Consolidated loss carried forward	Consolidated net loss	Consolidated balance sheet loss	Total group equity
		according to §272 Para. 2 No. 1 - 3 HGB	according to § 272 Para. 2 No. 4 HGB						
(in EUR)									
As of 1 January 2023	3,253,735.00	43,815,165.06	8,242,976.00	52,058,141.06	52,058,141.06	-15,612,428.62	-7,808,110.67	-23,420,539.29	31,891,336.77
Acquisition of own shares	-1,500.00		-69,000.00	-69,000.00	-69,000.00				-70,500.00
Disposal of own shares	1,500.00		69,000.00	69,000.00	69,000.00				70,500.00
Allocation to/withdrawal from reserves						-7,808,110.67	7,808,110.67		0.00
Net loss for the period							-6,853,490.79	-6,853,490.79	-6,853,490.79
As of 30 September 2023	3,253,735.00	43,815,165.06	8,242,976.00	52,058,141.06	52,058,141.06	-23,420,539.29	-6,853,490.79	-30,274,030.08	25,037,845.98
As of 1 January 2024	3,253,735.00	43,815,165.06	8,242,976.00	52,058,141.06	52,058,141.06	-23,420,539.29	-9,511,477.02	-32,932,016.31	22,379,859.75
Allocation to/withdrawal from reserves						-9,511,477.02	9,511,477.02		0.00
Net loss for the period							-7,981,790.83	-7,981,790.83	-7,981,790.83
As of 30 September 2024	<u>3,253,735.00</u>	<u>43,815,165.06</u>	<u>8,242,976.00</u>	<u>52,058,141.06</u>	<u>52,058,141.06</u>	<u>-32,932,016.31</u>	<u>-7,981,790.83</u>	<u>-40,913,807.14</u>	<u>14,398,068.92</u>

Consolidated Gross Statement of Changes in Non-current Assets for the first nine months 2024

(in EUR)	Acquisition and production costs				Cumulative depreciation and amortisation				Book value		
	1 January 2024	Additions	Disposals	Reclassifications	30 September 2024	1 January 2024	Additions	Disposals	30 September 2024	30 September 2024	31 December 2023
I. Non-current intangible assets											
1. Self-created rights and licences in such rights	99,875.19	0.00	0.00	0.00	99,875.19	41,614.19	14,982.00	0.00	56,596.19	43,279.00	58,261.00
2. Acquired rights and licences in such rights	7,532,174.76	0.00	0.00	0.00	7,532,174.76	2,013,326.97	661,662.00	0.00	2,674,988.97	4,857,185.79	5,518,847.79
3. Intangible assets under development	60,535.33	22,524.12	0.00	0.00	83,059.45	0.00	0.00	0.00	0.00	83,059.45	60,535.33
	7,692,585.28	22,524.12	0.00	0.00	7,715,109.40	2,054,941.16	676,644.00	0.00	2,731,585.16	4,983,524.24	5,637,644.12
II. Property, plant, and equipment											
1. Land and buildings	4,156,338.33	4,476.00	0.00	0.00	4,160,814.33	199,921.49	73,592.00	0.00	273,513.49	3,887,300.84	3,956,416.84
2. Technical equipment and machinery	11,094,082.87	134,701.36	0.00	3,739,729.67	14,968,513.90	7,051,173.55	764,890.03	0.00	7,816,063.58	7,152,450.32	4,042,909.32
3. Other equipment, operating and office equipment	2,193,528.36	132,621.03	0.00	0.00	2,326,149.39	1,117,080.36	172,147.03	0.00	1,289,227.39	1,036,922.00	1,076,448.00
4. Advances paid and assets under construction	30,382,206.43	6,184,399.60	0.00	-3,739,729.67	32,826,876.36	0.00	0.00	0.00	0.00	32,826,876.36	30,382,206.43
	47,826,155.99	6,456,197.99	0.00	0.00	54,282,353.98	8,368,175.40	1,010,629.06	0.00	9,378,804.46	44,903,549.52	39,457,980.59
III. Non-current financial assets											
Shares in associates	50,000.00	0.00	0.00	0.00	50,000.00	20,078.38	2,500.00	0.00	22,578.38	27,421.62	29,921.62
	55,568,741.27	6,478,722.11	0.00	0.00	62,047,463.38	10,443,194.94	1,689,773.06	0.00	12,132,968.00	49,914,495.38	45,125,546.33

Financial calendar

25 – 27 November 2024

Deutsches Eigenkapitalforum (Frankfurt)

Investor Relations



Kai Winkelmann
Pyrum Innovations AG
E-Mail: presse@pyrum.net
presse@pyrum.net



Dariusch Manssuri
IR.on AG
Tel.: +49 221 9140-970
E-Mail: pyrum@ir-on.com



Frederic Hilke
IR.on AG
Tel.: +49 221 9140-970
E-Mail: pyrum@ir-on.com

Legal notice

Pyrum Innovations AG
Dieselstraße 8
66763 Dillingen / Saar