

ANBI Stichting	JuniorIOT.nl
Junior IOT Challenge	Samen technologie ontdekken
Junior Technologie werkplaats	Nu ook op jouw school
Inloop zaterdagmiddag 12.00-17.00	CoderDojo Alkmaar
"Star Wars" bus, op evenemententerrein naast Hal25, Pettemerstraat 15 in Alkmaar	stichting@juniorIOT.nl

Stichting Junior IOT

Foundation Stichting Junior IOT – stichting@JuniorIOT.nl
KvK 75357984 - iban NL61 RABO 0344 4429 50 – RSIN 860251925

Makerspace location:
"Star Wars" bus next to Hal25, Pettemerstraat 15, Alkmaar

post:
Cabeljaustraat 9, 1815 GD Alkmaar

Annual report 2024 – foundation Stichting Junior IOT

This annual report concerns our 2024 financial year, running from January 1, 2024 to the end of the calendar year. To accommodate the sponsors who use English as their communication language, this report is written in English.

As in previous annual reports, in the section 'from the board' we mention events of the past year as well as current developments, opportunities and innovations, and our vision for the next three years.

As an ANBI organisation we are required to report our financial data in a specific format:

https://www.belastingdienst.nl/wps/wcm/connect/bldcontentnl/themaoverstijgend/programmas_en_formulieren/standaardformulier-publicatieplicht-anbi-algemeen

Foreword

At our foundation Stichting Junior IOT we focus on:

Inspiring young people to acquire twenty-first-century technology skills in an innovative, self-learning, and co-operative environment.

Technology skills, this is about digital skills, science and technology, discovering technology together. The approach how we do this is important, because we want to activate all children in 'ontdekken en samenwerken', discovery and cooperation. We find that this approach is appealing to a large group of young people but also to those who are not able to benefit the regular approach in education.

Our Saturday walk-in is where this formula was born in 2017. In our makerspace we discover how this formula works: investigating themselves, collaborating and discovering. The juniors get to work from their own inspiration, and leave us to observe this process in amazement.

As a side note: The Junior IOT approach also works well in schools. The previous report describes how, after two years of trying and aligning with tax systems, these projects were consolidated into Junior IOT Onderwijs BV. The clear distinction between the two entities helps streamline and increase our impact.

As a registered 'ANBI stichting' we are a governmental approved non-profit organization. The core of our operation is a very modest one, the origin of our passion: the Saturday workshop in our 25-year-old city bus on a forgotten piece of asphalt in the ever evolving city. From here we start and support similar projects 'because we believe in them'.

We are proud to be able to report a significant expansion: there are 4 makerspaces to help juniors enjoy Junior IOT on a weekly basis. We'd like to extend extra special thanks to the new sponsors who helped in creating the Breezand Junior IOT Maakplaats!

All this is only possible with our partners and sponsors. We are extremely grateful for their support in our adventures, and together our foundation hopes to do many more great projects in the coming years.

With many thanks,

On behalf of the board, foundation Stichting Junior IOT

From the board

As in previous annual reports, in the section 'from the board' we mention events of the past year as well as current developments, opportunities and innovations, and our vision for the next three years.

History of our foundation

In December 2016, a few people sat together by the crackling fire on the first floor of 'de Kaasfabriek', the makerspace in Alkmaar. One of these people talks about a foolish plan for himself to start doing something with education, with participants from multiple schools, something with sensing and IOT, and that the children would then individually learn, in a cooperative environment to evolve themselves and their knowledge.

The professionals outside this group knew it: "This is not possible." At least five strong reasons were given why this was absolutely not possible.

But our crazy founder wouldn't listen. In the beginning of 2017, our first Junior IOT project was started, our Junior IOT makerspace was opened in the summer of 2018, and a group of inspired people founded the foundation Stichting Junior IOT in mid-2019: a start of a beautiful, insightful and most of all a learning experience.

The details of the foundation, including this annual report are published at <https://junioriot.nl/stichting/>

Vision

Junior IOT would like to see an improvement in knowledge, understanding and skills surrounding modern technology in today's society, so that people can feel connected with the technology and can participate in the modern developments. After all, together we create our society.

Being aware of modern technology and its possibilities also helps students shape their own inspiration and interests, well before they have to make important choices in their lives. This fits with a change towards adding more technology in education, a change with which the education system is struggling to implement.

We believe that great initiatives and projects in this area can be successful, especially when they seem to break with existing standards and procedures.

Objective – juniors helping each other discover technology

The objective of Junior IOT is to inspire young people in our society in the field of modern technology and innovation. We do this by:

- Creating and cultivating a safe environment for our self-managing junior community. This community initially emerged from participants of previous projects.
- Organizing activities in our safe environment that contribute to the development of students in an innovative way. We emphasize digital skills and programming, design and creation with modern technologies, research and development, and above all, effective collaboration.
- Making teaching materials available so that teachers and school boards can stimulate the same development within their environment. The format is chosen in such a way that it is a welcome addition for schools to meet the obligations in the new curriculum.
- Collaborating with other parties and companies in the realization of our vision, whether or not within the context of the foundation Stichting Junior IOT.

Target audience

The activities are aimed at boys and girls aged 12-17, with an extension to primary and secondary education. Everyone is welcome, and in practice the age ranges from 3.5 to 70 years old.

What happened in 2024 and what did we learn

In 2024, the foundation Stichting Junior IOT Foundation has seen a further evolution.

Alkmaar makerspace. The Junior IOT Alkmaar Saturday walk-in in our Alkmaar Makerspace continues to be a success. Each Saturday we see many new kids in the workspace, being helped by kids with more experience. For many this place is an important addition to their lives. This is now run by a team of 8 to 10 volunteers, each of which picks up the role of Saturday coordinator approximately once every two months.

A consistent group of juniors is visiting the makerspace on a regular basis. A new 'core' group of juniors is visible, kids who have been with Junior IOT for many years. We see these kids actively participating (and winning) in our yearly challenges. Some of these juniors have joined together as the new robot group Yellow IOT, working on their own FTC robot and participating in national challenges.

New makerspaces. We are proud to mention that we are now listing 4 Junior IOT makerspaces! Our Junior IOT makerspace in Breezand has been opened in April 2024, and is well embedded in our plans for the future. Every Saturday a big group of juniors crowd together to enjoy their Junior IOT inspiration.

As we found that one of our juniors had started Junior IOT workshops in the Heiloo library, we now actively list and support this location as a Junior IOT makerspace.

In Heerhugowaard, an existing group of volunteers embraced the Junior IOT approach. We have initiated the makerspace, and the local organization is running the weekly free walk-in.

Arising opportunities in Eindhoven and other locations. The visibility we create in participating in events such as the Eindhoven MakerDays and Delft Makerfaire, is creating follow-up opportunities. A group of junior 'helpers' at the 2024 Eindhoven Makerdays received a robot starter set from the Junior IOT partner FTC, essentially booting up the Yellow IOT robot team. Within the year, this team participated in the EU finals – al be it as a gap-filler ;)

Further visibility, at times organized through the partner organisation Junior IOT Onderwijs BV, is opening up promising conversations in the Eindhoven region, around Delft/Rotterdam and in the Den Helder area.

Donations are steady. The larger donation from Google has given our foundation an important boost. Google has continued their support – and in hindsight continues to support us in 2025 as well. Triple and Just Better remain to be our loyal sponsors.

While in 2023 Google hinted us to 'dream bigger', our foundation is happy to see a steadied situation. With our partnership with Junior IOT Onderwijs BV, we do benefit from an increased visibility, expecting to be able to use their stronger platform to create more impact in the coming years.

Finding volunteers has become a challenge. In the last years we have been part of more and more technology events. Also the various tasks within the organization have previously been run on a volunteering basis, usually by the Junior IOT founders. However, we find ourselves more and more unable to find volunteers for the various roles.

We recognize that this limitation is shared with many organizations around us. We have seen projects fail for this reason, generating a negative impact on the reputation of the contact persons both at customer side and our side. This is now limiting the growth in number of projects.

The challenge has become bigger in this year, and we are moving towards another approach to be able to ensure adequate and professional support for our projects.

Preparing for a central coordinator role. This year, certain planning and administration tasks have been picked up by paid workers, who have been made available at actual cost from our partner organization. As these tasks became more consistent during the year, it is now time to prepare for a

foundation Stichting Junior IOT

Stichting Junior IOT – stichting@JuniorIOT.nl – KvK 75357984

part-time paid role in our foundation. This allows us to scale up, continue to provide good quality coordination and support for our junior challenges and makerspaces.

Partner organization Junior IOT Onderwijs BV. With last year's decision that school projects will be part of Junior IOT Onderwijs BV, schools, companies and organizations can now rely on a professional organisation to organize large scale education impact in different schools in the Netherlands. We do recognize that the founders and owners of the new entity are also part of the organization structure of our Foundation.

This year, the board has dedicated itself towards frequent, healthy and lively discussions to ensure our honest, open, transparent and balanced way of work. A lot of extra attention, time and energy was spent to ensure that this set up works well for the Foundation, adding clarity and transparency.

Harder to participate in tech events. Over the last few years, we were able to rely on volunteers for our participation in technology events. The number of events to participate in has increased. Finding additional volunteers outside the founders group proves more difficult. As a result, we found ourselves spending an increasing part of our budget on personnel, planning and coordination to participate in these events.

We feel that our participation in events needs to have a volunteering component. To create a better match with availability of funding and volunteers, we expect us as a Foundation to be more selective in how and when to participate in both the smaller and larger scale events.

Next years. Based on what we learned in this year, and on what we have achieved with the support of all the sponsors and partners of our foundation, we are confident to further continue our mission:

Samen technologie ontdekken

Discover technology together

We plan to follow the path as it lies before us:

- Evolve our Alkmaar Makerspace to be a place where juniors can discover technology
- Inspire and support more makerspaces to be created
- Inspire other locations to embrace workshops from the Junior IOT makerspaces
- Support events for juniors to inspire young people for technology
- Join in events local to our makerspaces to inspire young people to embrace technology

For this we want to:

- Actively manage our makerspace(s) and support our team
- Actively expand our makerspaces
- Actively promote and support workshops for other spaces and locations
- Actively participate in hands-on events for young people, local to our makerspaces
- Actively collaborate with companies that will support our cause

We do this by:

- Managing, operating and expanding our makerspaces
- Making people, machines and materials available to help create other Junior IOT locations
- Making our makerspace runbook available for other spaces
- Showcasing our hands-on makerspace in small and large events within the Netherlands

Mandatory publication of data for an ANBI foundation

The tax authorities require a foundation to annually publish a specific set of information. For this we use the helper page:

https://www.belastingdienst.nl/wps/wcm/connect/bldcontentnl/belastingdienst/zakelijk/bijzondere_re_gelingen/goede_doelen/algemeen_nut_beogende_instellingen/gegevens_van_een_anbi_publiceren_op_een_internetsite/

Profit and loss account and balance sheet

The following pages in this Annual Report present the specific set of information including the standardized profit and loss account and the balance sheet of the foundation Stichting Junior IOT.

Standaardformulier publicatieplicht ANBI Algemeen

1 Algemene gegevens instelling

Naam

Nummer Kamer van Koophandel (*)

Contactgegevens. Vul minimaal 1 van de velden Adres, Telefoonnummer of E-mailadres in.

Adres

Telefoonnummer

E-mailadres

Website (*)

RSIN (**)

Actief in sector (*)

In welke landen is uw instelling actief? (*)

Aantal medewerkers (*) Betaalde personeelsleden in gemiddeld aantal fte gedurende het boekjaar.

Aantal vrijwilligers (*) Vrijwilligers die zich regelmatig (meer dan 3 keer per jaar) inzetten voor uw instelling.

Statutair bestuur van de instelling

Naam bestuurslid	Functie bestuurslid
<input type="text" value="Marco van Schagen"/>	<input type="text" value="Voorzitter"/>
<input type="text" value="Martijn Groen"/>	<input type="text" value="Secretaris"/>
<input type="text" value="Tijl Bouman"/>	<input type="text" value="Penningmeester"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

Overige informatie bestuur (*)

- Doelgroepen (*) (meerdere opties mogelijk)
- | | | |
|---|---|---|
| <input type="checkbox"/> Algemeen publiek | <input checked="" type="checkbox"/> Kinderen | <input type="checkbox"/> Slachtoffers van geweld |
| <input type="checkbox"/> Alleenstaande ouders | <input type="checkbox"/> Lhbtqi+ | <input type="checkbox"/> Slachtoffers van natuurrampen |
| <input type="checkbox"/> Analfabeten | <input type="checkbox"/> Mensen met een beperking | <input type="checkbox"/> Slachtoffers van oorlog |
| <input type="checkbox"/> Chronisch zieken | <input type="checkbox"/> Milieu | <input type="checkbox"/> Slachtoffers van seksueel misbruik |
| <input type="checkbox"/> Dak- en thuislozen | <input type="checkbox"/> Minderheden | <input type="checkbox"/> Studenten |
| <input type="checkbox"/> Dieren | <input type="checkbox"/> Minima | <input type="checkbox"/> Verslaafden |
| <input type="checkbox"/> Gedetineerden | <input type="checkbox"/> Natuurgebieden | <input type="checkbox"/> Vluchtelingen |
| <input type="checkbox"/> Gelovigen | <input type="checkbox"/> Oceanen en zeeën | <input type="checkbox"/> Vrouwen en meisjes |
| <input type="checkbox"/> Gemeenschappen | <input type="checkbox"/> Ouderen | <input type="checkbox"/> Werklozen |
| <input checked="" type="checkbox"/> Jongeren | <input type="checkbox"/> Patiënten | <input type="checkbox"/> Wildlife |
| | | <input type="checkbox"/> Overig |

(*) Optioneel veld, niet verplicht (**) Verplicht veld, ook voor buiten Nederland gevestigde instellingen

Doelstelling

Statutaire doelstelling van de instelling.
Wat wil de instelling bereiken?

De stichting heeft als doel: het inspireren van jongeren zichzelf de eenentwintigste eeuwse technologievaardigheden eigen te maken in een innoverende, niet-schoolse omgeving, en het verrichten van al wat hiermee verband houdt of daartoe bevorderlijk kan zijn.

Hoofdpijnen beleidsplan

Geef hier antwoord op onderstaande vragen of vul na de laatste vraag over het beleidsplan de url in naar het beleidsplan.
In dit beleidsplan moet minimaal antwoord gegeven worden op de in dit formulier gestelde vragen over het beleidsplan.

Welke werkzaamheden verricht de instelling? Wanneer worden welke werkzaamheden uitgevoerd? En hoe dragen die bij aan het realiseren van de doelstelling?

zie URL

Hoe krijgt de instelling inkomsten?

zie URL

1

Algemeen (vervolg)

Op welke manier en aan welke doelen worden de verkregen inkomsten besteed? Als uw instelling vermogen aanhoudt, vul dan in waar en op welke manier dit vermogen wordt aangehouden (bijvoorbeeld spaarrekening, beleggingen etc).

zie URL

Url van het beleidsplan
Vul de link in waar het beleidsplan te vinden is.

<https://junioriot.nl/stichting/>

Open

Beloningsbeleid
Beloningsbeleid voor het statutaire bestuur, voor de leden van het beleidsbepalend orgaan en voor het personeel (bijvoorbeeld CAO of salarisregeling).

Alle bestuurders kunnen een vergoeding krijgen van de kosten die zij redelijkerwijs hebben gemaakt in de uitoefening van hun functie.
De bestuurders ontvangen geen beloning voor hun werkzaamheden.
Er is in 2024 geen personeel in dienst van de stichting.

Activiteitenverslag
Noem de activiteiten die zijn uitgevoerd. Of vul bij de volgende vraag de url in naar het activiteitenverslag, of de url naar de jaarrekening als daarin de activiteiten van het betreffende boekjaar duidelijk zijn beschreven.

zie URL

Url van het activiteitenverslag. Vul de link in waar het activiteitenverslag te vinden is.

<https://junioriot.nl/stichting/>

Open

2 Balans

Vul de balansdatum in. Als u daarna verdergaat verschijnen automatisch de jaartallen boven de kolommen.

Balansdatum 3 1 - 1 2 - 2 0 2 4

Activa 31-12-2024

Immateriële vaste activa €

Materiële vaste activa € 5.024

Financiële vaste activa € +

€ 5.024

Voorraden € 15.000

Vorderingen & overlopende activa € 4.225

Effecten €

Liquide middelen € 37.302 +

€ 56.527

Totaal € 61.551 +

Passiva 31-12-2023 (*)

Continuïteitsreserve €

Bestemmingsreserve € 7.955

Herwaarderingsreserve € +

Overige reserves € 7.955

€ 19.542

€ 7.889

€

€ 46.190 +

€ 73.621

Totaal € 81.576 +

Passiva 31-12-2024

Continuïteitsreserve € 58.097

Bestemmingsreserve €

Herwaarderingsreserve €

Overige reserves € +

€ 58.097

Bestemmingsfondsen €

Voorzieningen €

Langlopende schulden €

Kortlopende schulden € 3.455

Totaal € 61.552 +

Passiva 31-12-2023 (*)

€ 74.877

€

€

€ +

€ 74.877

€

€

€

€ 6.699

Totaal € 81.576 +

Toelichting

Geef hier een toelichting bij de balans of vul de url na ar de jaarrekening in als hier een toelichting in is opgenomen.

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Baten	2024	2023 (*)
Subsidies van overheden	€	€
Subsidies van andere instellingen zonder winststreven	€	€
Overige subsidies	€	€
Baten van subsidies	€ 0	€ 0
Baten sponsorbijdragen	€ 57.660	€ 36.031
Giften en donaties van particulieren	€ 4.750	€ 310
Nalatenschappen	€	€
Bijdragen van loterijinstellingen	€	€
Overige giften	€	€
Giften	€ 4.750	€ 310
Baten als tegenprestatie voor levering van producten en/of diensten (omzet)	€ 11.860	€ 16.050
Financiële baten	€	€
Overige baten	€	€
Som van alle baten	€ 74.270	€ 52.391
Lasten		
Inkoopwaarde van geleverde producten (kostprijs)	€ 17.265	€ 16.912
Verstrekke subsidies & giften	€	€
Aankopen en verwervingen	€ 22.537	€ 6.625
Communicatiekosten	€	€ 68
Personeelskosten	€ 12.224	€ 5.027
Huisvestingskosten	€ 7.008	€ 6.578
Afschrijvingen	€ 2.931	€ 2.931
Financiële lasten	€ 282	€ 312
Overige lasten	€ 28.802	€ 4.314
Som van de lasten	€ 91.049	€ 42.767
Saldo van baten en lasten	€ -16.779	€ 9.624

Toelichting

Geef hier een toelichting bij de staat van baten en lasten of vul de url naar de jaarrekening in als hier een toelichting in is opgenomen.

zie URL

Url van de jaarrekening
Vul de link in naar de jaarrekening als u deze ook hebt gepubliceerd.

<https://junioriot.nl/stichting-junior-iot-jaarverslagen/>

Open

Notes with financial year report 2024 Stichting Junior IOT

On this page we provide notes for the most notable changes in the numbers reported for 2022, 2023 and 2024.

A main change for 2023 is the decision that commercial projects in schools will not be integrated in the foundation.

The main change in 2024 is that sponsor amounts have been adjusted, and new sponsors were found for the Breezand Junior IOT Makerspace. New costs have been introduced for the Breezand, Heerhugowaard and Heiloo makerspaces. Costs were introduced for central administration and coordination, as we are readying to hire a person for these tasks.

Continuity reserve – Continuïteitsreserve. 2024 = € 58.097 (2023 = € 74.877; 2022 = € 65.144)

This number has decreased as the foundation has seen slightly more costs. A reservation for the NOT event has been used. The numbers depict a healthy status of the foundation.

Short-term debt - Kortlopende schulden. 2024 = € 3.455 (2023 = € 6.699; 2022 = € 7.760)

These numbers are for materials delivered to the foundation by the Onderwijs BV where payment crosses the end of year line. Same as with 'vorderingen', by tighter bookkeeping we were able to reduce these numbers.

Sponsorship contributions - Baten sponsorbijdragen. 2024 = € 57.660 (2023 = € 41.031; 2022 = € 71.193)

Having the new Breezand makerspace allowed us to attract some more sponsoring

Revenu - Baten als tegenprestatie voor levering. 2024 = € 11.860 (2023 = € 16.050; 2022 = € 116.355)

The much higher number in 2022 is due to materials needed for educational projects in schools as executed by the independent contractors.

These numbers have become more consistent between 2023 and 2024. Part of the 2024 revenue is now related to the way we have sent independent contractors to some events.

Cost of goods – Inkoopwaarde. 2024 = € 17.265 (2023 = € 16.912; 2022 = € 75.766)

The much higher number in 2022 is due to materials needed for educational projects in schools as executed by the independent contractors. These numbers have become more consistent between 2023 and 2024

Purchases – Aankopen en verwervingen. 2024 = € 22.537 (2023 = 6.626, 2022 = 6.355)

The increase in 2024 is related to the new makerspace locations Breezand and Heerhugowaard and the new support for Heiloo.

Personnel – Personeelskosten. 2024 = € 12.224 (2023 = € 5.027; 2022 = € 19.562)

This includes contractors and volunteers. The much higher number in 2022 is due to time spent in the educational projects in schools as executed by independent contractors.

The increase in 2024 is related to the way we have sent independent contractors to some events.

Housing Costs – Huisvestingskosten. 2024 = € 7.008 (2023 = € 6.578; 2022 = € 12.610)

The higher cost in 2022 is due to the location 'De wognumsebuurt' which was paid by the foundation in 2022, up to Q1 2023, to support the educational projects in schools. Part of the new cost in 2024 is due to the new location Breezand.

Other costs - Overige lasten. 2024 = € 28.802 (2023 = € 4.314; 2022 = € 43.697)

In 2022 this includes the cost to acquire educational subsidies for the educational projects in schools.

The earlier mentioned Maze invoice of € 7.260 should have been part of the numbers for 'Other costs' in 2022 as part of the educational projects in schools as executed by the independent contractors. Corrected, the number for 2022 should have been € 36.437. However, we have applied this correction to the 2023 report; without this correction, the number for 2023 would have been € 11.574.

In 2024, a reserved sum was used for the NOT event, increasing this number in 2024.

Conclusion

This Annual Report of the foundation Stichting Junior IOT includes the financial report details as published mid-2025

This Annual Report is accessible for anyone, and is published on the 'stichting' page on our website: junioriot.nl/stichting

This completed Annual Report was reviewed, discussed and approved by the board:

Marco van Schagen, chair

Tijl Bouman, treasurer

Martijn Groen, secretary

For further questions and comments: team@junioriot.nl