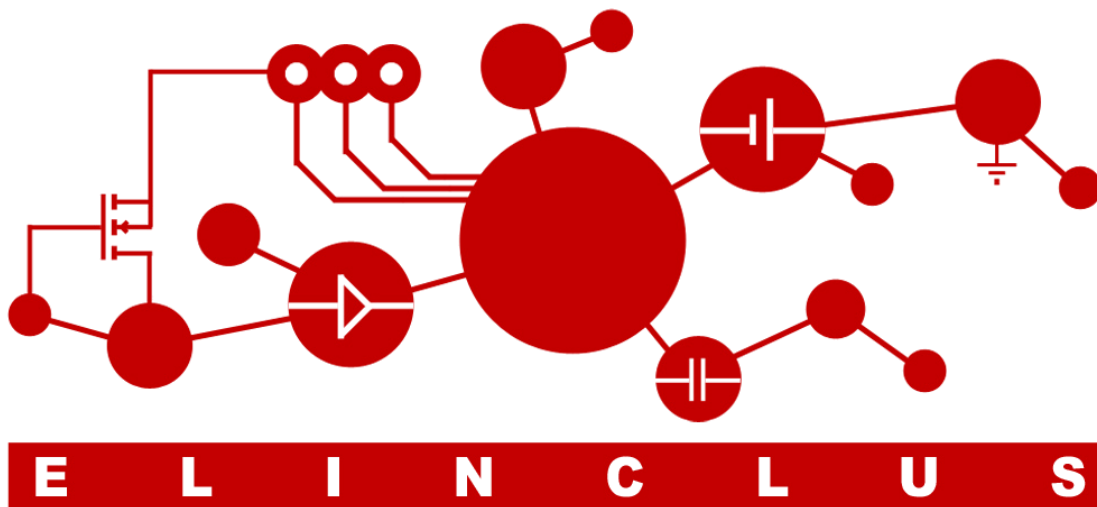


APTE

uefiscdi

Unitatea Executivă pentru
Finanțarea Învățământului Superior,
a Cercetării, Dezvoltării și Inovării



ELINCLUS - surse si oportunități de inovare

Raport privind analiza surselor și
oportunităților de inovare la nivelul
clusterului ELINCLUS

Rezumat

Prezentul raport a fost elaborat de către echipa de implementare a proiectului SMARTI - PN-III-P2-2.1-CLS-2017-0042/10CLS/2018.ca urmare a *Act 1.1 – Analiza surselor și oportunităților de inovare la nivelul cluster-ului ELINCLUS având ca scop creșterea vizibilității acestuia.*

În prima parte, acesta prezintă aspectele teoretice generale ale determinării surselor și oportunităților e inovare relevante pentru membrii cluster-ului ELINCLUS. Apoi se continuă cu prezentarea oportunităților de inovare oferite de programul Horizon 2020, precum și oportunități rezultate în urma studierii pieței - cerințelor consumatorilor, a competitorilor din același domeniu de activitate ai membrilor ELINCLUS, a furnizorilor acestora și a reglementărilor din domeniile relevante. În partea a doua sunt prezentate analizele IMM-urilor, membri ai ELINCLUS și o analiza agregată a performanței generale a cluster-ului ELINCLUS.

Cuprins

1	Surse și oportunități de inovare - aspecte teoretice	4
2	Oportunități de inovare investigate de către managementul clusterului ELINCLUS	5
2.1	Oportunități oferite de programul Horizon 2020	5
2.2	Oportunități rezultate în urma studierii pieții - cerințelor consumatorilor	9
2.3	Oportunități rezultate în urma studierii competitorilor membrilor ELINCLUS	10
2.4	Oportunități rezultate în urma studierii furnizorilor membrilor ELINCLUS	11
2.5	Oportunități rezultate în urma studierii reglementărilor din domeniile relevante de activitate ale ELINCLUS	12
3	Analiza performanței generale a clusterului ELINCLUS	13
4	Analiza performanței membrilor ELINCLUS în identificarea oportunităților de inovare	14
4.1	2Ncomm Design SRL	14
4.2	Adrian Sistem SRL	15
4.3	Alma Engineering SRL	16
4.4	Anagrama SRL	17
4.5	Antrice SA	18
4.6	Aquachem SRL	19
4.7	Batm Systems SRL	20
4.8	Beia Cercetare SRL	21
4.9	Beia Consult International SRL	22
4.10	Concept Electronics SRL	23
4.11	Dbv Research SRL	24
4.12	Digital Telecomms SRL	25
4.13	Doctor Tech SRL	26
4.14	Ecas Electro SRL	27
4.15	E.C.R. Systems SRL	28
4.16	Elarom SRL	29
4.17	Electro Optic Components SRL	30
4.18	Electrorom Impex SRL	31
4.19	Elinktron Technology SRL	32
4.20	Elref SRL	33
4.21	Elsix SRL	34

SMARTI - PN-III-P2-2.1-CLS-2017-0042/10CLS/2018
R1 - Raport privind analiza surselor și oportunităților de inovare
la nivelul cluster-ului ELINCLUS

4.22 Euro Standard Press 2000 SRL.....	35
4.23 Giga Electronic International SRL.....	36
4.24 Icg Integrated Consulting Group SRL.....	37
4.25 Ideama Consult SRL	38
4.26 Infracsoft SRL	39
4.27 Key It Solutions SRL	40
4.28 L&G Advice Serv SRL.....	41
4.29 Luca Electric SRL	42
4.30 Magnum Ccc SRL.....	43
4.31 Omniconvert SRL.....	44
4.32 Mibatron SRL	45
4.33 Net Digital Service SRL.....	46
4.34 Netsun Software SRL.....	47
4.35 Optoelectronica - 2001 SA	48
4.36 Parrot Invent SRL	49
4.37 Pro Optica SA.....	50
4.38 Radio Consult SRL	51
4.39 Roel Design & Manufacturing SRL.....	52
4.40 Rond Electric SRL.....	53
4.41 Samway Electronic SRL.....	54
4.42 Sbs - Standard Business Solution SRL	55
4.43 Art Games SRL	56
4.44 Ascenta It Services SRL.....	57
4.45 Eventlink 360 Solutions SRL	58
4.46 Prosoft++ SRL.....	59
4.47 C.S.C. Trans Metal SRL.....	60
4.48 Seletron-Software Si Automatizari SRL	61
4.49 Smm Invest Co SRL.....	62
4.50 Softtehnica SRL.....	63
4.51 Suitcorp SRL	64
4.52 Suncommunication SRL.....	65
4.53 Syswin Solutions SRL.....	66
4.54 Tensor SRL.....	67
4.55 Top Geocart SRL.....	68
4.56 Vector Quality Group SRL.....	69

1 Surse și oportunități de inovare - aspecte teoretice

Principalele surse de inovare ale unei organizații/întreprinderi sunt:

- nevoile utilizatorilor produselor sau serviciilor întreprinderii identificate de către managementul acesteia;
- produsele, serviciile sau acțiunile asociate acestora ale competitorilor, furnizorilor sau partenerilor întreprinderii;
- dezvoltările științifice, tehnice sau tehnologice accesibile prin patente, standarde, publicații tradiționale sau online, etc;
- aspectele și evoluțiile macro-economice, cadrul legislativ și de taxare a afacerilor, produselor sau serviciilor, interacțiunile cu administrația publică, centrală sau locală, etc;
- evoluțiile sociale demografice, culturale, de difuzie a cunoașterii sau teoriilor științifice, tendințe temporare (moda, s.a.m.d.), sustenabilitatea și cadrul conceptual asociat dezvoltării durabile, sharing economy, etc;

Analiza sistematică a datelor oferite de sursele de inovare ale întreprinderii este o activitate de bază a managementului (administrării) inovării în întreprindere.

Analiza trebuie să urmărească, la nivel minim, următoarele aspecte:

- activitățile și metodele manageriale existente, precum și utilizarea de standarde ale sistemelor manageriale;
- caracteristici societale și aspecte culturale, cum ar fi atitudinile și angajamentul față de inovare al diferitelor niveluri ierarhice ale întreprinderii;
- competențele tehnice și tehnologice, infrastructurile, echipamentele și investițiile existente și necesare pentru introducerea și îmbunătățirea produselor și serviciilor întreprinderii;
- modelul și procesele de afaceri, inclusiv sustenabilitatea acestora;
- performanța, îndeosebi performanța în domeniul resurselor umane și financiare ale întreprinderii, realizările și eșecurile din trecutul recent.

2 Oportunități de inovare investigate de către managementul clusterului ELINCLUS

2.1 Oportunități oferite de programul Horizon 2020

Prezentăm oportunitățile H2020 relevante pentru organizația de administrare a clusterului și membrii ELINCLUS, după cum urmează:

TOPIC : Supporting the development of territorial Responsible Research and Innovation

<https://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/swafs-14-2018-2019.html>

Impactul așteptat al apelului (în lb. engleză, din website url menționat mai sus):

Consortia are expected to elaborate and implement a more open, transparent and democratic R&I system in their defined territories. Consortia are expected to evaluate their activities and provide evidence of societal, democratic, environmental, economic and scientific impacts. Involvement in the project should have a measurable transformative and opening effect on organisations involved, which should be sustainable beyond the lifetime of funding. Consortia are expected to contribute to one or more of the MoRRI indicators and to the Sustainable Development Goals.

TOPIC : Open Innovation for collaborative production engineering

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/dt-fof-05-2019.html>

Impactul așteptat al apelului (în lb. engleză, din website url menționat mai sus):

Establish Open-Innovation networks for manufacturing that support customer-driven production all around Europe;

Creation of specific business models for the engineering of customised solutions, particularly for SMEs, rapid demand changes and shorter time to market;

Improvement of the co-design and co-development capabilities towards a reduction of development costs of new products and services;

Increase of product variety and personalisation for higher customer satisfaction and loyalty.

TOPIC : Smart Anything Everywhere

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/dt-ict-01-2019.html>

Impactul așteptat al apelului (în lb. engleză, din website url menționat mai sus):

Proposals should address all of the following impact criteria, providing metrics to measure success when appropriate.

Attract a significant number of new users of advanced ICT in the manufacturing sector, and more innovative technology suppliers, in particular SMEs and mid-caps.

Creation of a sustainable network of Digital Innovation Hubs, providing European added value to investments done at national and regional level in Digital Innovation Hubs.

Availability of Digital Innovation Hub services across Europe and its regions with strong industrial capacities

TOPIC : Cluster facilitated projects for new industrial value chains

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/innosup-01-2018-2020.html>

Impactul așteptat al apelului (în lb. engleză, din website url menționat mai sus):

Strengthen industrial leadership in the EU Member States and Associated Countries by reinforcing value chains that integrate innovative solutions in SMEs, along and across existing value chains.

Stimulate the creation of new globally competitive industrial value chains across the EU Member States and Associated Countries to accelerate the development of emerging industries, which will boost industrial competitiveness and underpin future economic growth, jobs, and progress towards a resource-efficient economy.

Further leverage and complement support for innovation in SMEs and other funding, which may be provided by national or regional authorities (including under the European Structural and Investment Funds) and/or by private investors (upfront or as follow-up investments), including in relation to the European Fund for Strategic Investments.

Contribute to the implementation of regional and national research and innovation strategies for smart specialisation strategies (RIS3), modern cluster policies as well as

of strategic inter-regional collaboration under thematic Smart Specialisation Platforms and cluster partnerships supported by the European Cluster Collaboration Platform and the European Observatory for Clusters and Industrial Change by capitalising upon concentrated and complementary competences for the development of new industrial value chains and emerging industries with a clear EU added-value.

Provide a clear and measurable contribution to the innovation performance of the supported SMEs in the short-term - as revealed by indicators such as numbers of new or significantly improved products (goods and/or services), processes, new marketing methods, or new organisational methods -, and to its impact on resource efficiency and/or turnover. A wider impact is also expected in the medium-term.

Improve the business environment of the supported SMEs by establishing open collaboration spaces that can involve innovation actors from different sectors and countries. This will lead to the creation of new ideas for innovation and new collaboration partnerships, which will be subject of further development and with the potential for further impact on business turnover.

TOPIC : Unconventional Nanoelectronics

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/ict-06-2019.html>

Impactul așteptat al apelului (în lb. engleză, din website url menționat mai sus):

Proposals should address one or more of the following impact criteria and provide metrics to measure and monitor success.

Identify applications likely to benefit from the intended approach with indication of key parameters (power, energy-efficiency, size, frequency, and cost) and quantitative targets to be achieved (figures of merit). Contribute to the mid-term viability of the European Nanoelectronics industry ensuring that new technologies with high potential for computing emerge in time to be taken up by industry. Sustain the technological integration requirements by focussing on challenging 3D integration issues as well as for electronics at cryogenic temperature. Contribute to the European industry capability to design advanced circuits for its needs.

TOPIC : Security and resilience for collaborative manufacturing environments

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/ict-08-2019.html>

Impactul așteptat al apelului (în lb. engleză, din website url menționat mai sus):

Proposals need to develop tools and services guaranteeing an adequate level of data security for digital collaboration between manufacturing environments and value chains. Solutions need to be practically usable in real manufacturing facilities, taking into account the operational requirements needed for factory usage in real-world conditions, including reliability and resilience. Issues of threat detection and implementation of countermeasures should be addressed, as well as evolution and real-time response when needed. Semi-autonomous or fully autonomous solutions, requiring little or no local supervision are encouraged.

Proposals will target TRL 5 to 7, and will include at least one use case which will demonstrate measurable and significant improvements over state of the art tools and methods under real-world conditions. The Commission considers that proposals requesting a contribution from the EU of between EUR 4 and 6 million would allow this area to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

Take-up by industry of practically usable solutions which guarantee significantly increased cyber-security levels in daily operations for manufacturing facilities and other actors in the value chains.

2.2 Oportunități rezultate în urma studierii pieții - cerințelor consumatorilor

Consumatori individuali și clienți instituționali

- smart city
- agricultura
- sănătate
- automotive

2.3 Oportunități rezultate în urma studierii competitorilor membrilor ELINCLUS

Pe piața națională și europeană nu există produse electronice realizate de către competitorii membrilor ELINCLUS produse cu tehnologii disruptive, ecologice.

O oportunitate o reprezintă tehnologia electronică OCCAM. Aceasta este o tehnologie alternativă de realizare a modulelor electronice care nu utilizează aliaje sau adezivi, astfel este ecologică în sensul Directivei RoHS. Procesul propune o inversare a ordinii realizării unui modul electronic. Componentele sunt interconectate prin depunere (placare) cu cupru (sau alt material conductiv) după ce au fost plasate în poziția finală și înglobate într-o rășină. Procesul tehnologic Occam nu necesită un circuit (cablaj) imprimat și nici aliaj de lipit!

Beneficiile acestei tehnologii sunt prezentate mai jos:

- Se elimină un număr important de etape de fabricație
- Interconectările din cupru sunt produse in situ
- Nu apar defecte legate de procesul de lipire
- Nu se produc efecte datorate temperaturilor mari nici asupra dispozitivelor și nici asupra plăcii de circuit imprimat
- Directiva RoHS privind materialele restricționate este respectată
- Consumul de energie se reduce (nu sunt necesare tratamente termice sau reflow)
- Sunt necesare puține tipuri de componente (LGA și QFN);
- Prelucrarea la temperaturi scăzute evită deteriorarea termică cauzată de lipire.
- Componentele sunt complet încapsulate crescând imunitatea la șocuri și vibrații.

Procesul OCCAM scurtează lanțul de aprovizionare

În modelul actual, clasic, asamblarea electronică prin lipire presupune existența a trei termeni:

- componentele electronice;
- circuitul imprimat;
- procesul tehnologic de asamblare prin lipire (în val, prin retopire, manual, laser, etc.).

Toate cele trei componente trebuie să se reunească la posesorul procesului tehnologic de asamblare, lucru care se face tot mai greu în condițiile industriei electronice globale, afectând factorul time-to-market.

Conform modelului propus de tehnologia Occam, asamblarea electronică nu va mai

presupune decât existența a doi termeni:

- componentele electronice;
- procesul tehnologic Occam.

Aceasta deoarece etapa de realizare a circuitului imprimat și etapa de asamblare sunt fuzionate într-un singur proces.

De aici rezultă potențiale beneficii datorate reducerii lanțului de aprovizionare și datorită reducerii transferurilor subansamblurilor de la un producător la altul, aflați datorită globalizării, uneori la distanțe apreciabile.

2.4 Oportunități rezultate în urma studierii furnizorilor membrilor ELINCLUS

Ca urmare a informațiilor limitate primite de la membrii ELINCLUS, în timpul alocat, această secțiune urmează să fie elaborată în etapa următoare.

2.5 Oportunități rezultate în urma studierii reglementărilor din domeniile relevante de activitate ale ELINCLUS

- de elaborat

3 Analiza performanței generale a clusterului ELINCLUS

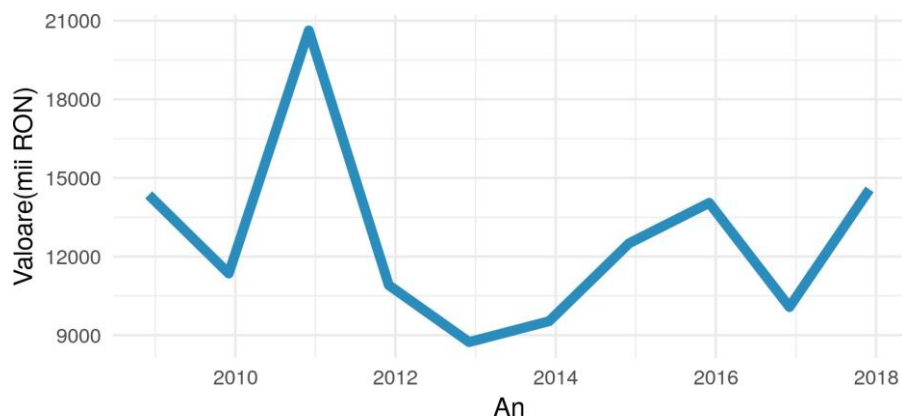


Figura 1: Profitul brut total al clusterului ELINCLUS

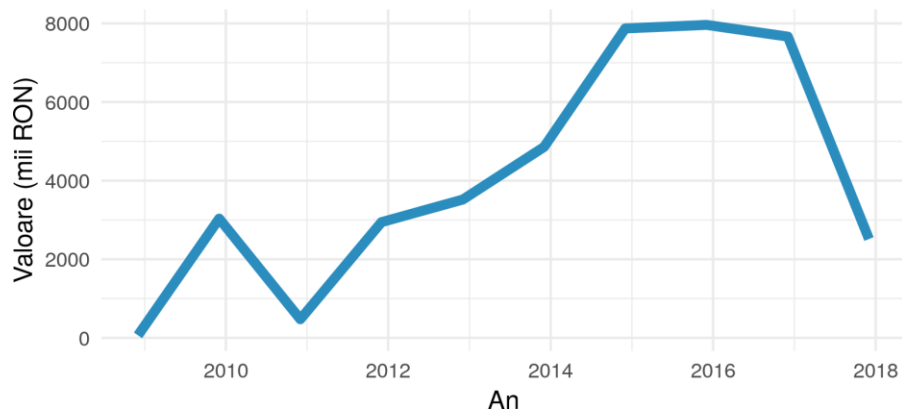


Figura 2: Pierdere bruta totala al clusterului ELINCLUS

4 Analiza performanței membrilor ELINCLUS în identificarea oportunităților de inovare

4.1 2Ncomm Design SRL

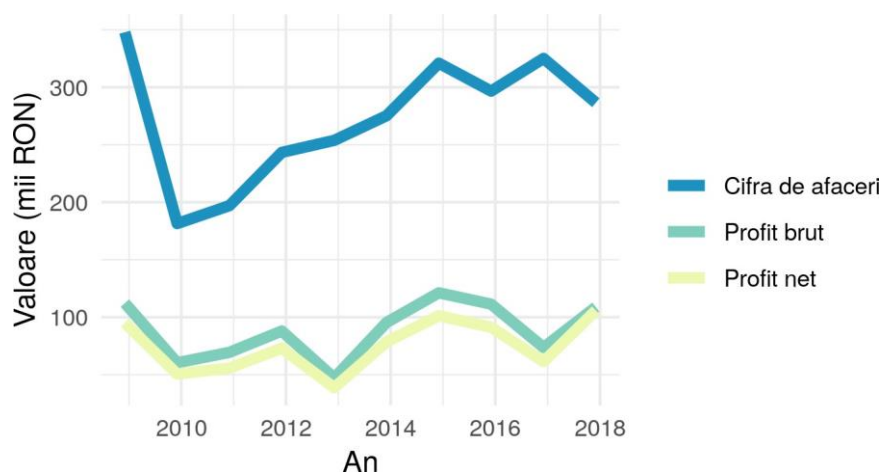


Figura 3: Cifra de afaceri, profitul brut si net: 2Ncomm Design SRL

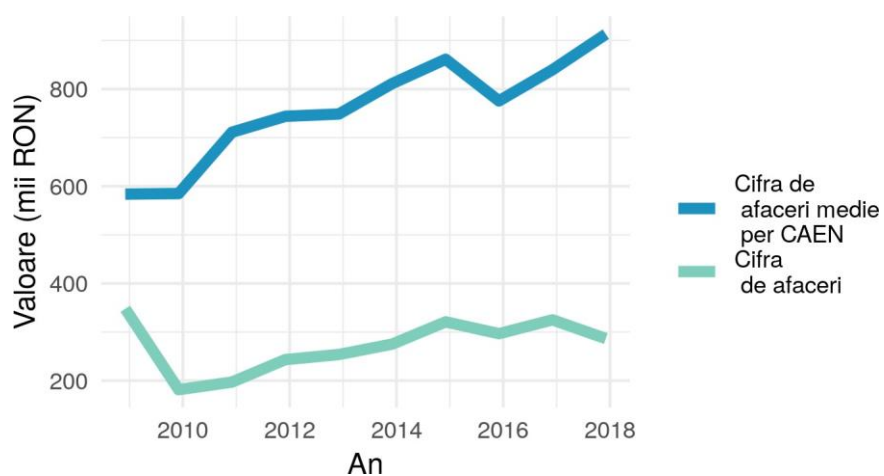


Figura 4: Cifra de afaceri medie a domeniului CAEN si a 2Ncomm Design SRL

4.2 Adrian Sistem SRL

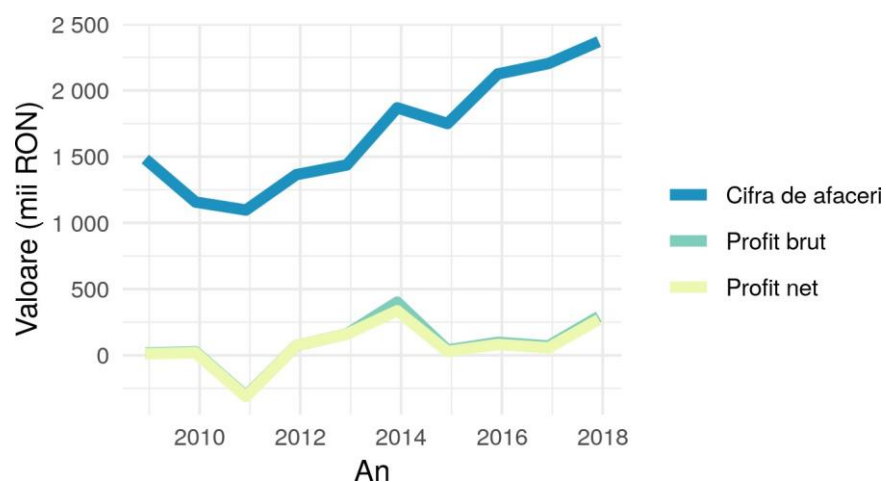


Figura 5: Cifra de afaceri, profitul brut si net: Adrian Sistem SRL

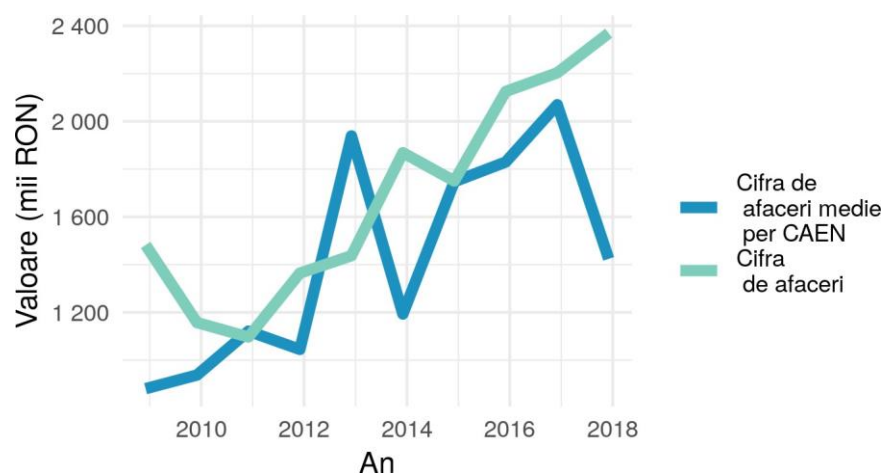


Figura 6: Cifra de afaceri medie a domeniului CAEN si a Adrian Sistem SRL

4.3 Alma Engineering SRL

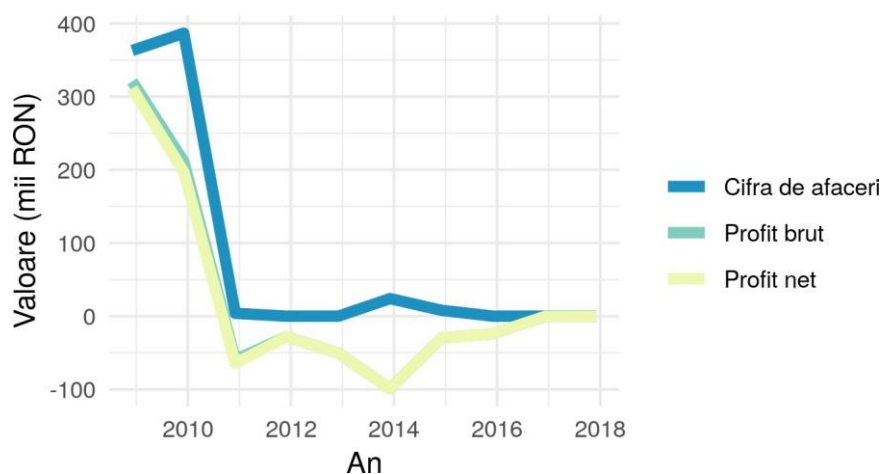


Figura 7: Cifra de afaceri, profitul brut si net: Alma Engineering SRL

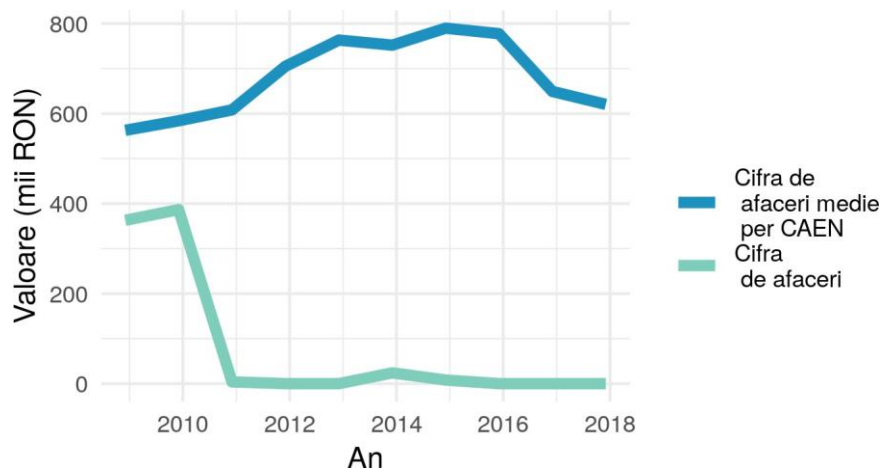


Figura 8: Cifra de afaceri medie a domeniului CAEN si a Alma Engineering SRL

4.4 Anagrama SRL

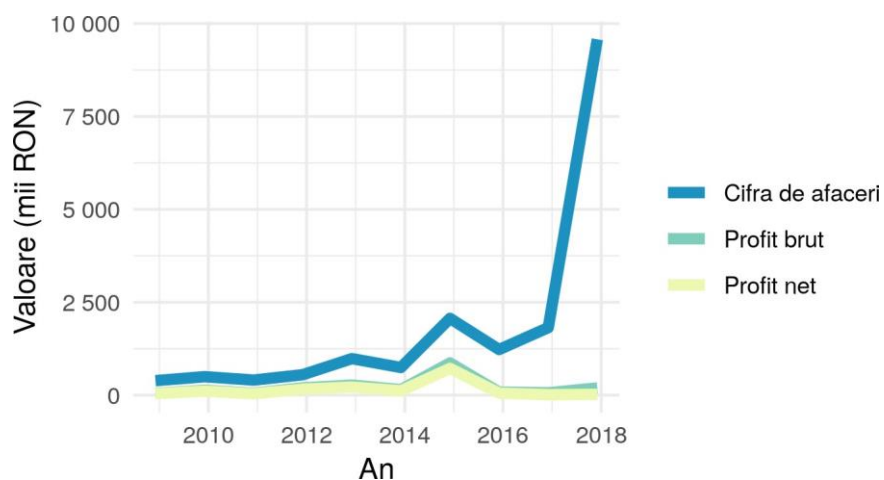


Figura 9: Cifra de afaceri, profitul brut si net: Anagrama SRL

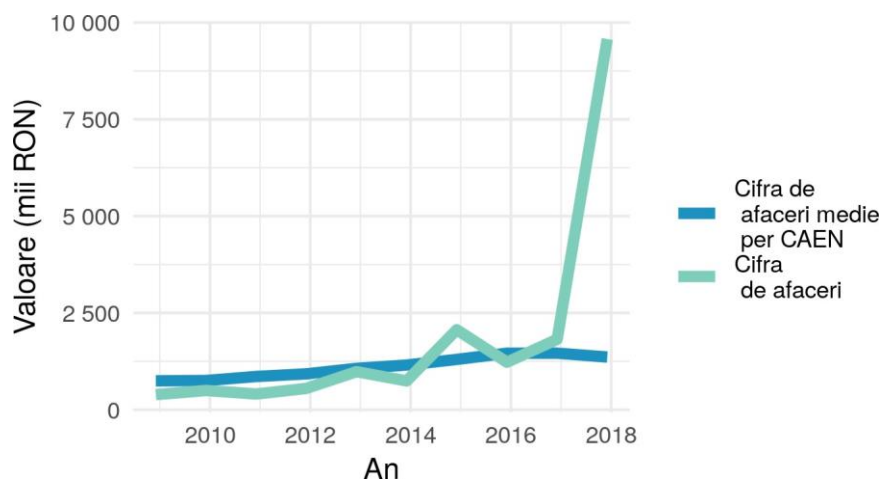


Figura 10: Cifra de afaceri medie a domeniului CAEN si a Anagrama SRL

4.5 Antrice SA

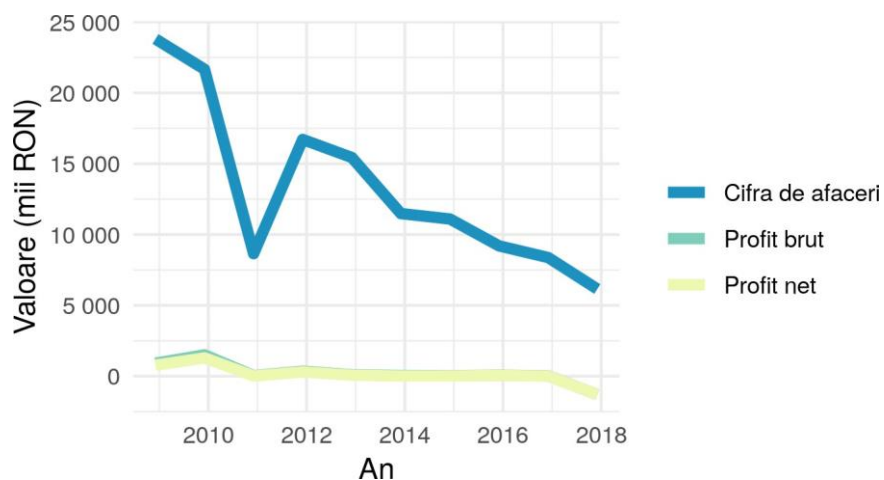


Figura 11: Cifra de afaceri, profitul brut si net: Antrice SA

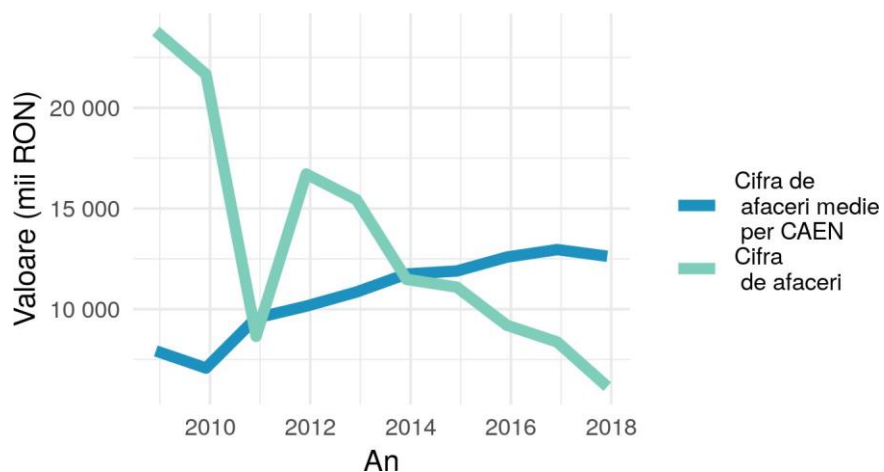


Figura 12: Cifra de afaceri medie a domeniului CAEN si a Antrice SA

4.6 Aquachem SRL

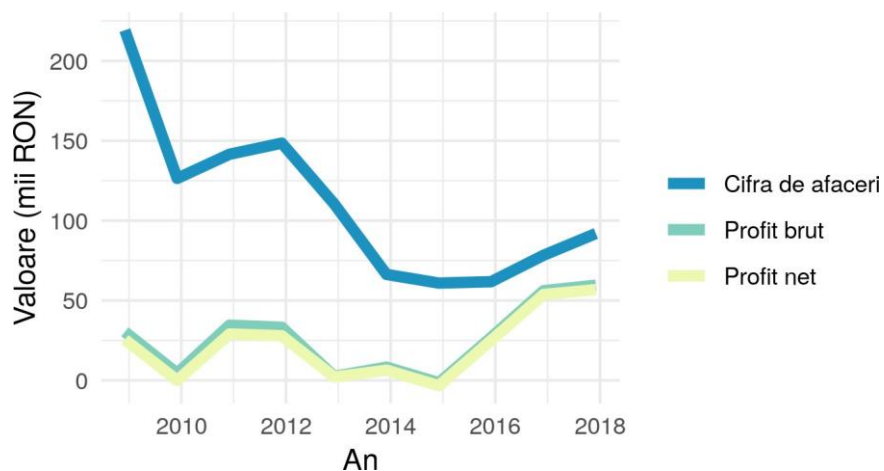


Figura 13: Cifra de afaceri, profitul brut si net: Aquachem SRL

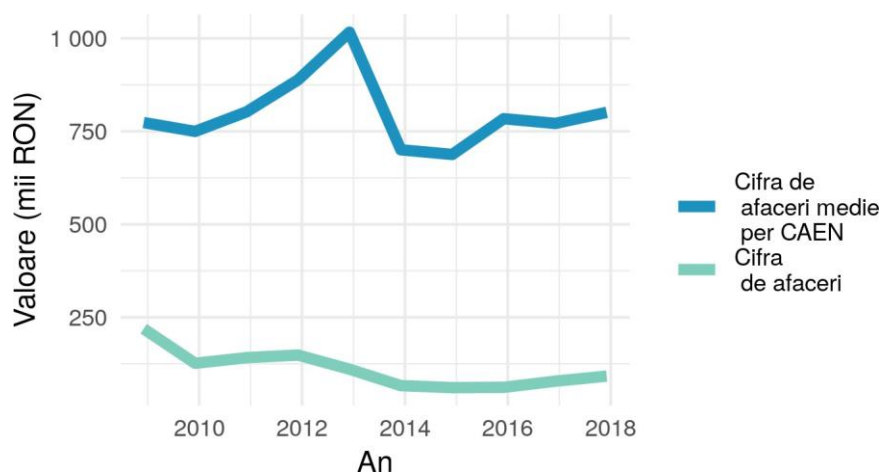


Figura 14: Cifra de afaceri medie a domeniului CAEN si a Aquachem SRL

4.7 Batm Systems SRL

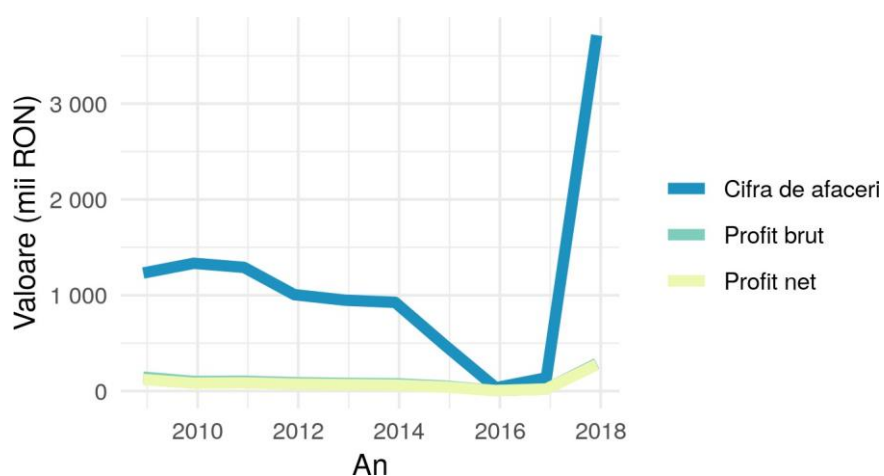


Figura 15: Cifra de afaceri, profitul brut si net: Batm Systems SRL

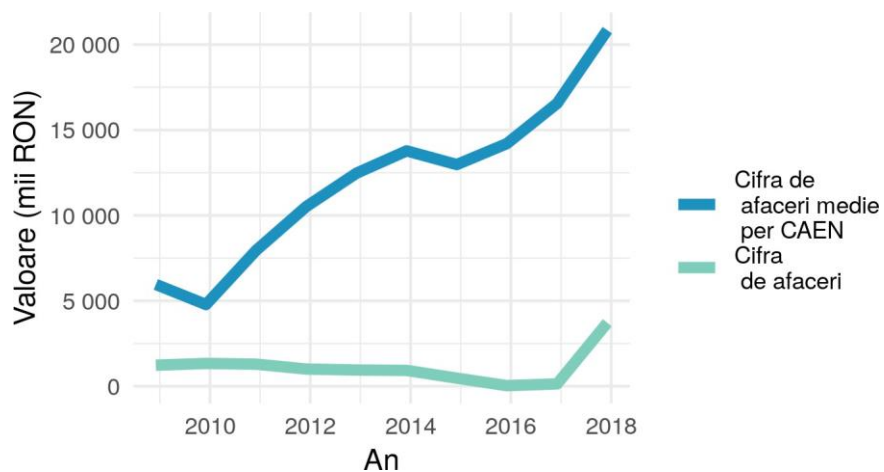


Figura 16: Cifra de afaceri medie a domeniului CAEN si a Batm Systems SRL

4.8 Beia Cercetare SRL

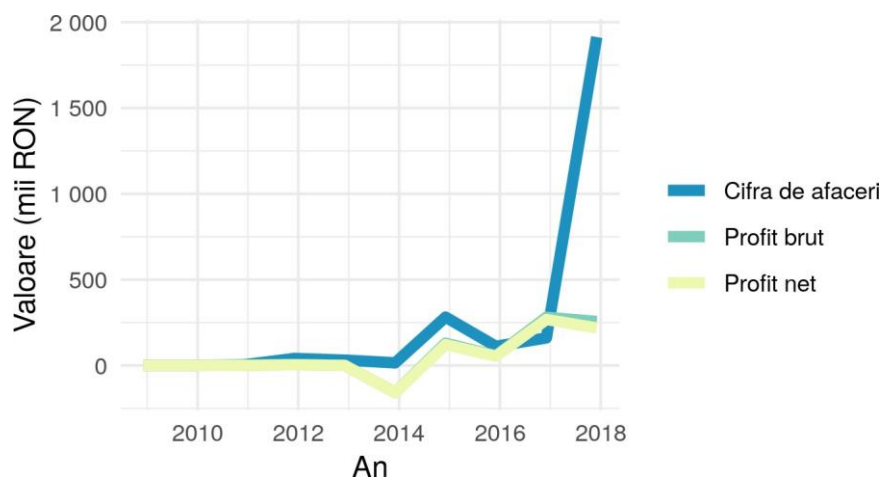


Figura 17: Cifra de afaceri, profitul brut si net: Beia Cercetare SRL

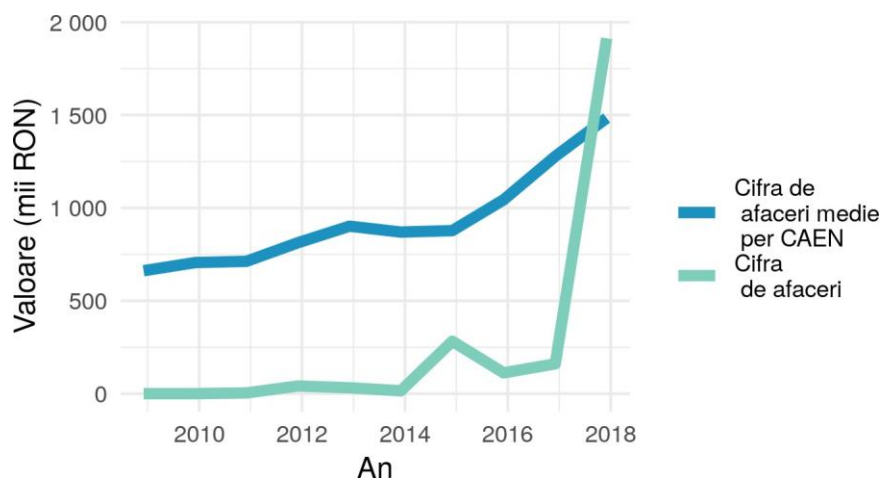


Figura 18: Cifra de afaceri medie a domeniului CAEN si a Beia Cercetare SRL

4.9 Beia Consult International SRL

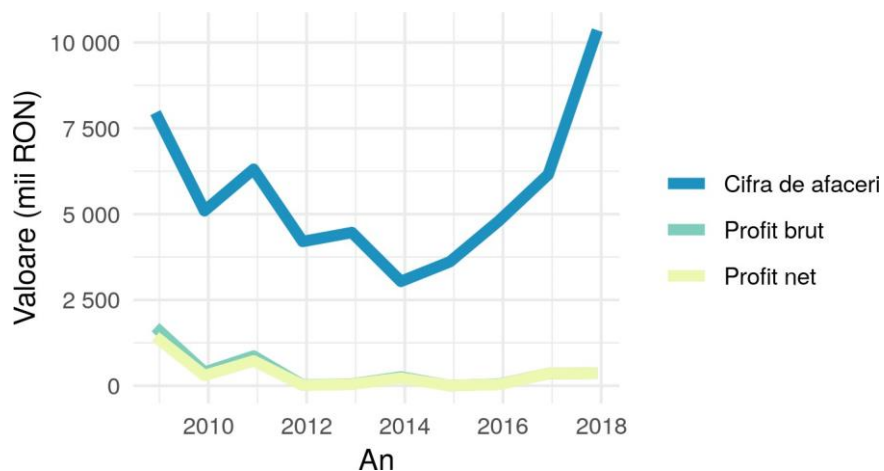


Figura 19: Cifra de afaceri, profitul brut si net: Beia Consult International SRL

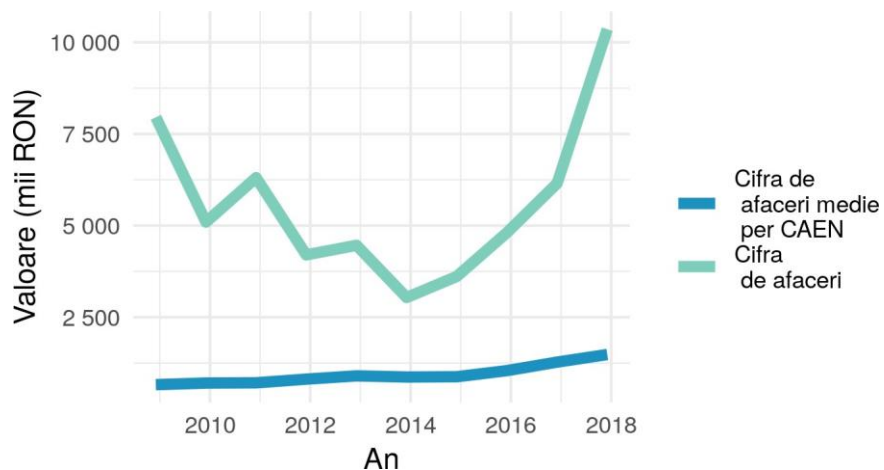


Figura 20: Cifra de afaceri medie a domeniului CAEN si a Beia Consult International SRL

4.10 Concept Electronics SRL

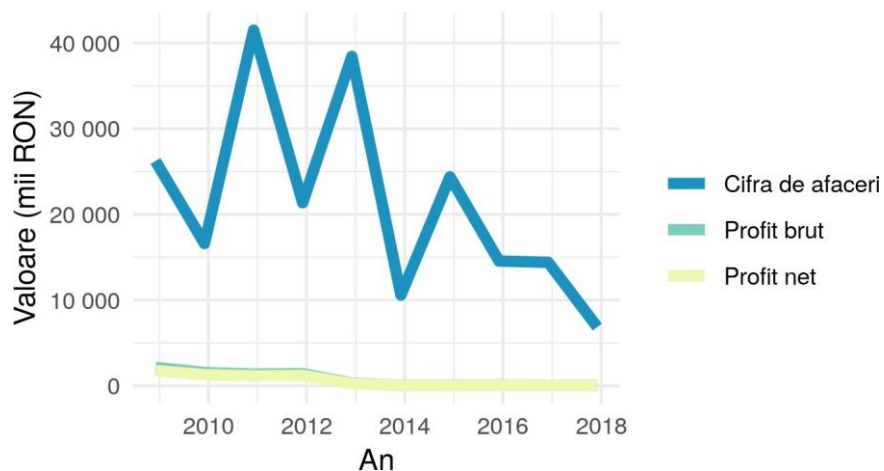


Figura 21: Cifra de afaceri, profitul brut si net: Concept Electronics SRL

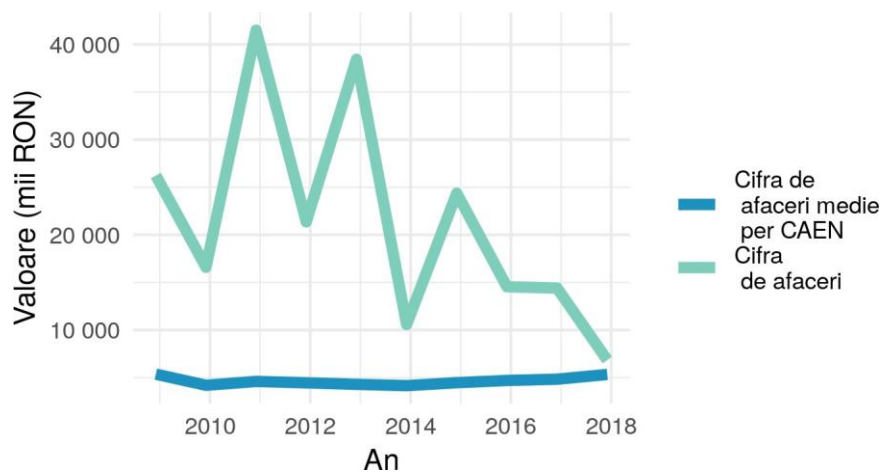


Figura 22: Cifra de afaceri medie a domeniului CAEN si a Concept Electronics SRL

4.11 Dbv Research SRL

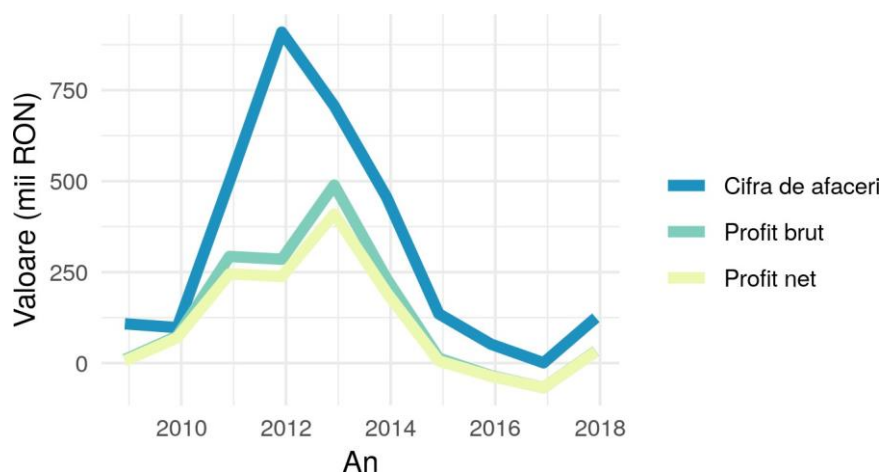


Figura 23: Cifra de afaceri, profitul brut si net: Dbv Research SRL

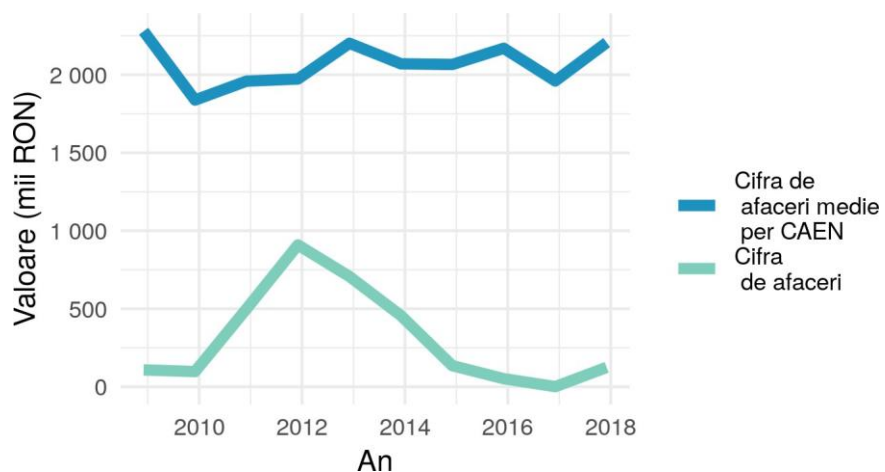


Figura 24: Cifra de afaceri medie a domeniului CAEN si a Dbv Research SRL

4.12 Digital Telecomms SRL

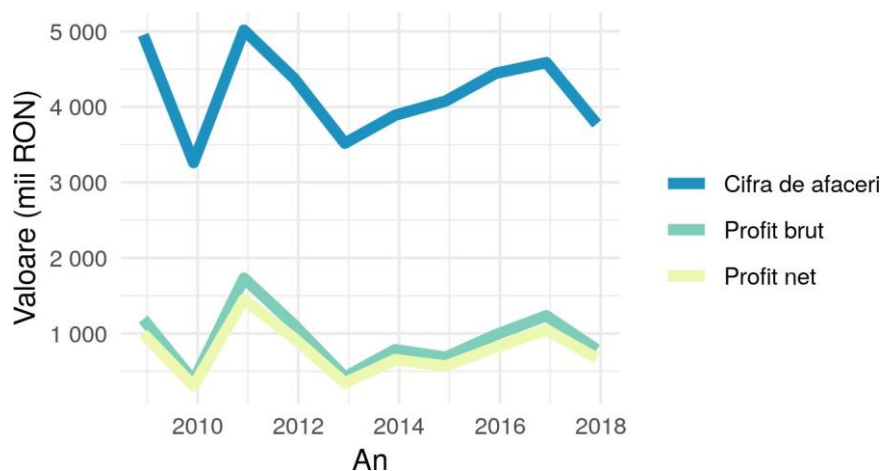


Figura 25: Cifra de afaceri, profitul brut si net: Digital Telecomms SRL

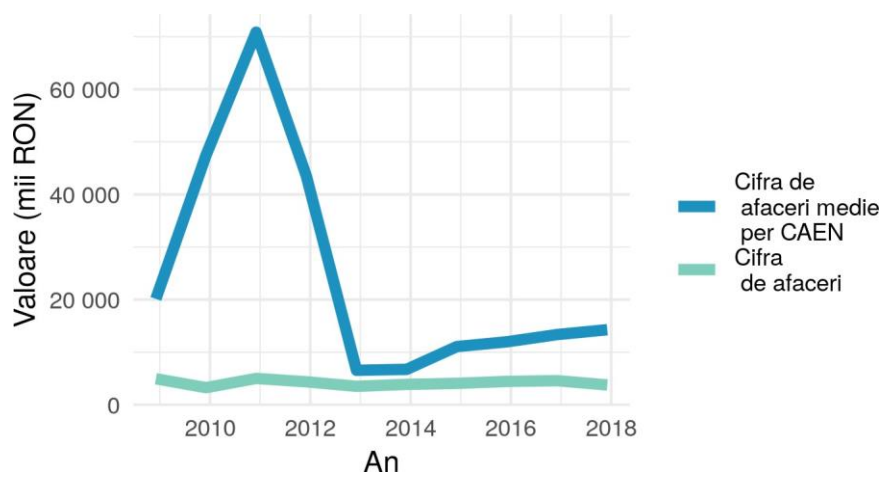


Figura 26: Cifra de afaceri medie a domeniului CAEN si a Digital Telecomms SRL

4.13 Doctor Tech SRL

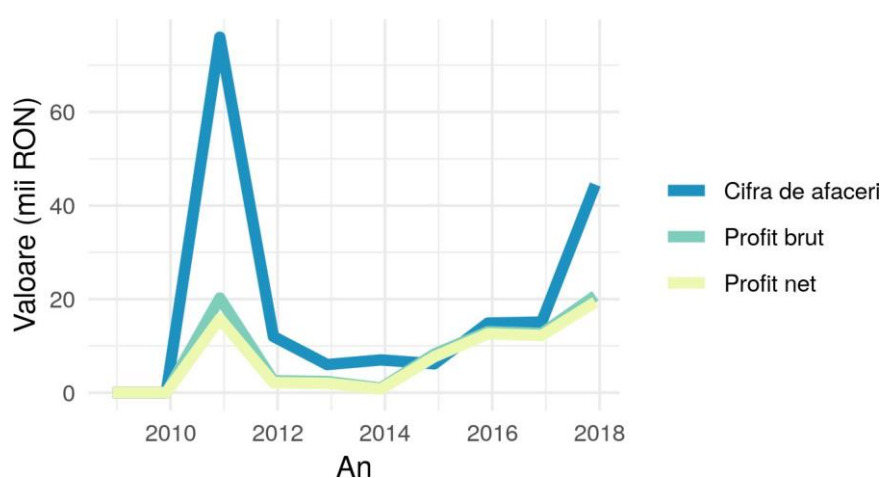


Figura 27: Cifra de afaceri, profitul brut si net: Doctor Tech SRL

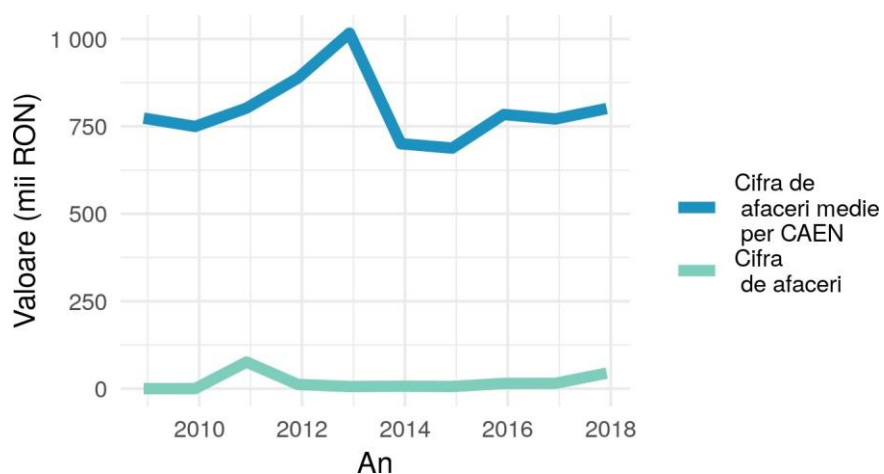


Figura 28: Cifra de afaceri medie a domeniului CAEN si a Doctor Tech SRL

4.14 Ecas Electro SRL

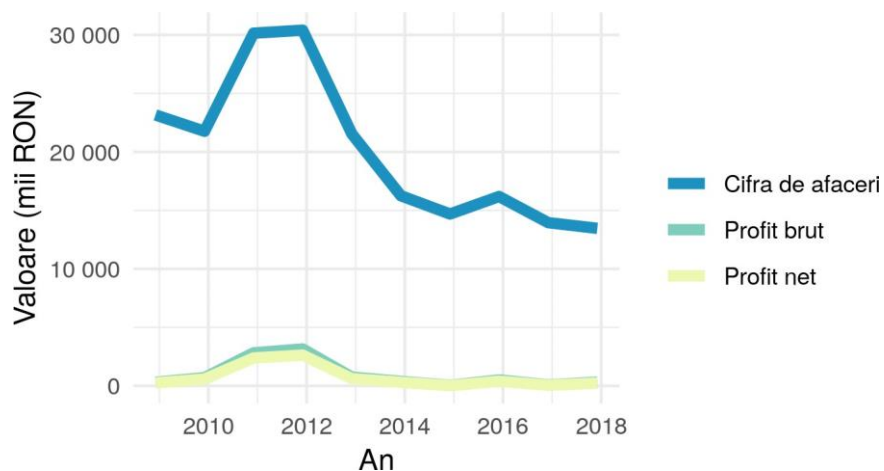


Figura 29: Cifra de afaceri, profitul brut si net: Ecas Electro SRL

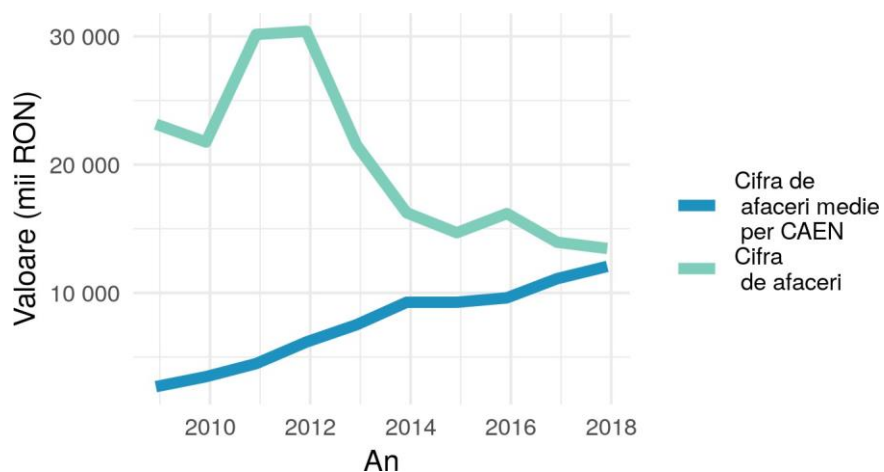


Figura 30: Cifra de afaceri medie a domeniului CAEN si a Ecas Electro SRL

4.15 E.C.R. Systems SRL

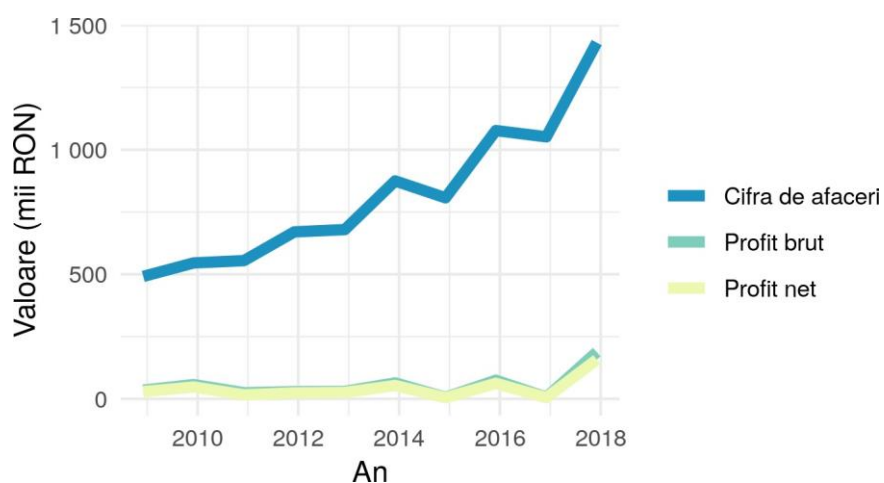


Figura 31: Cifra de afaceri, profitul brut si net: E.C.R. Systems SRL

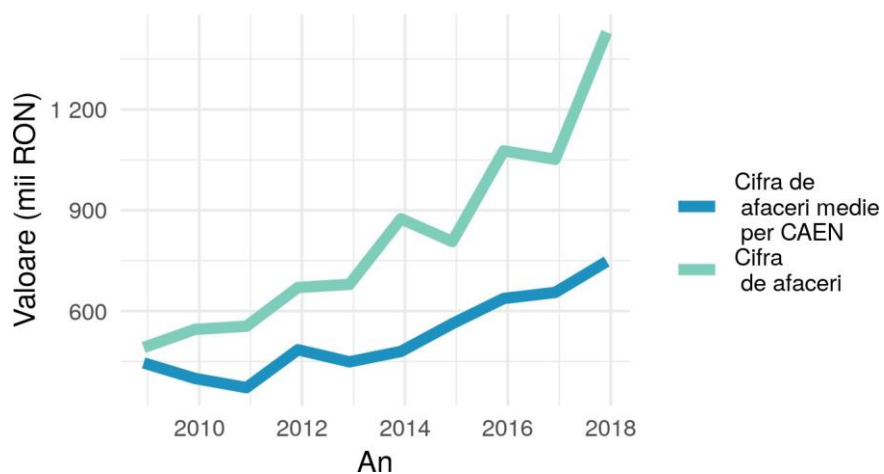


Figura 32: Cifra de afaceri medie a domeniului CAEN si a E.C.R. Systems SRL

4.16 Elarom SRL

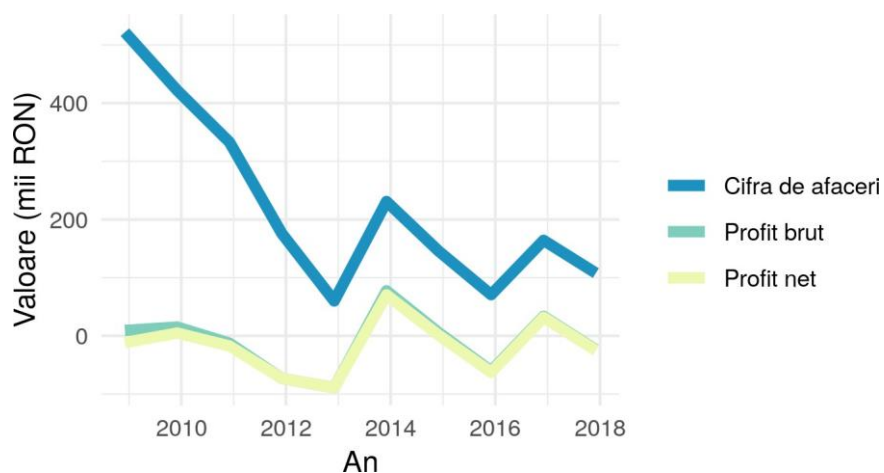


Figura 33: Cifra de afaceri, profitul brut și net: Elarom SRL

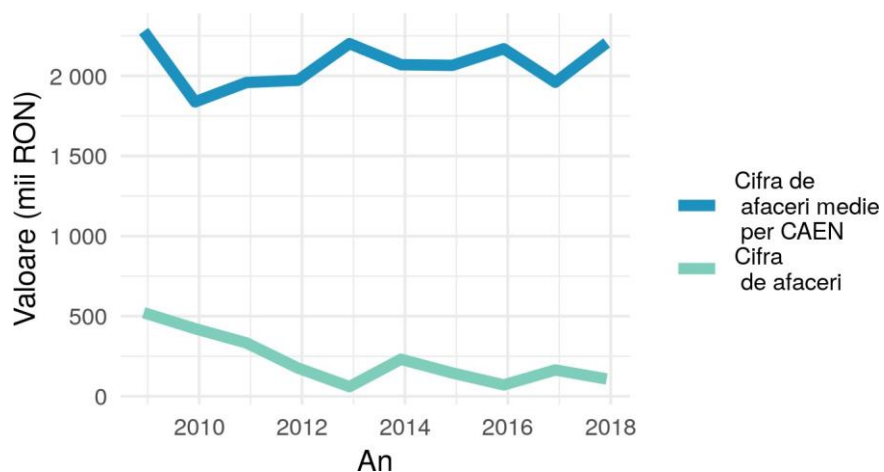


Figura 34: Cifra de afaceri medie a domeniului CAEN și a Elarom SRL

4.17 Electro Optic Components SRL

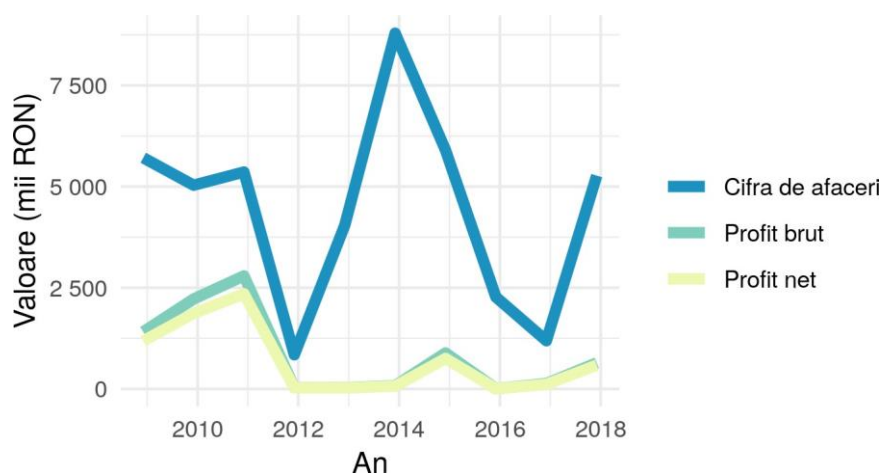


Figura 35: Cifra de afaceri, profitul brut si net: Electro Optic Components SRL

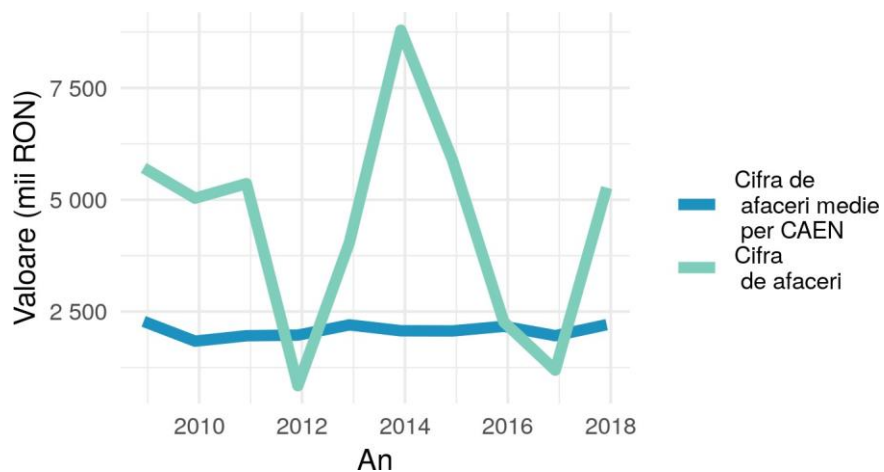


Figura 36: Cifra de afaceri medie a domeniului CAEN si a Electro Optic Components SRL

4.18 Electrorom Impex SRL

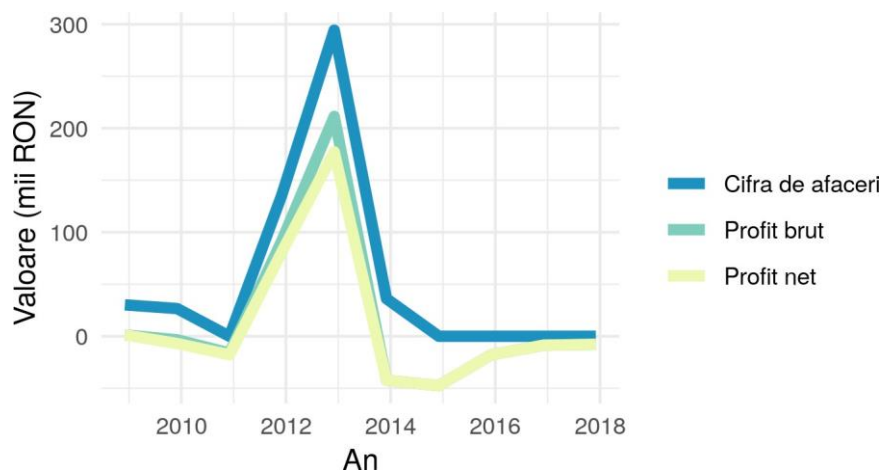


Figura 37: Cifra de afaceri, profitul brut si net: Electrorom Impex SRL

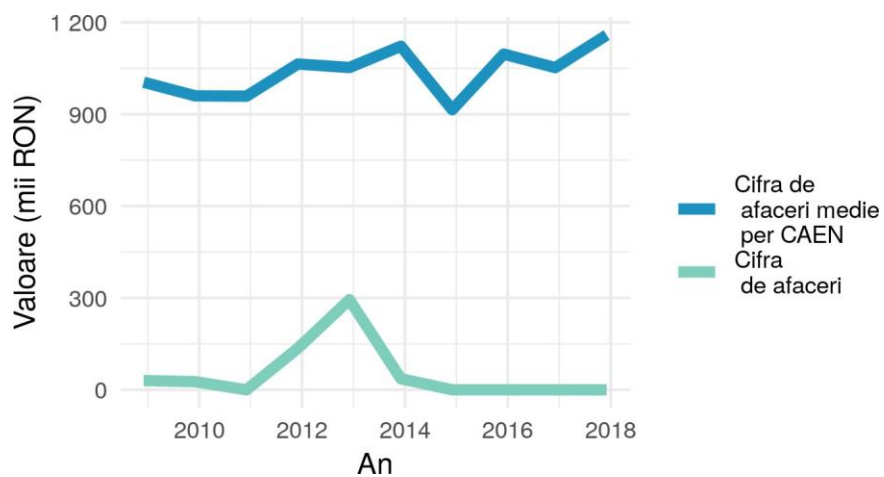


Figura 38: Cifra de afaceri medie a domeniului CAEN si a Electrorom Impex SRL

4.19 Elinktron Technology SRL

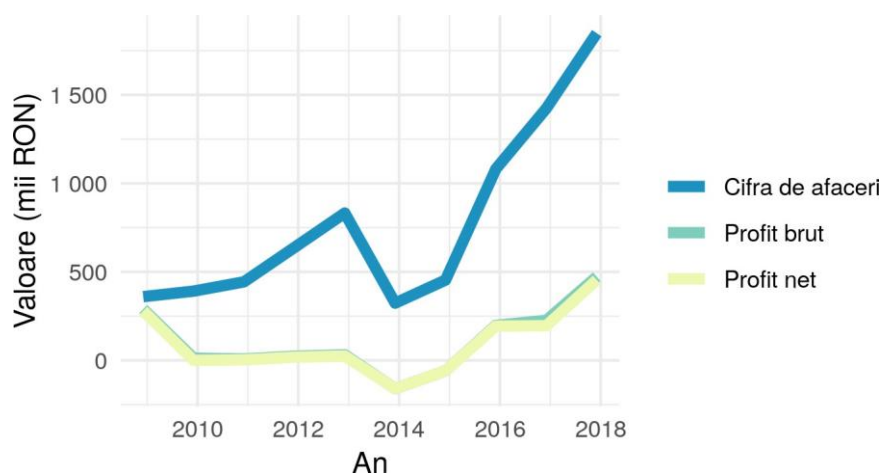


Figura 39: Cifra de afaceri, profitul brut si net: Elinktron Technology SRL

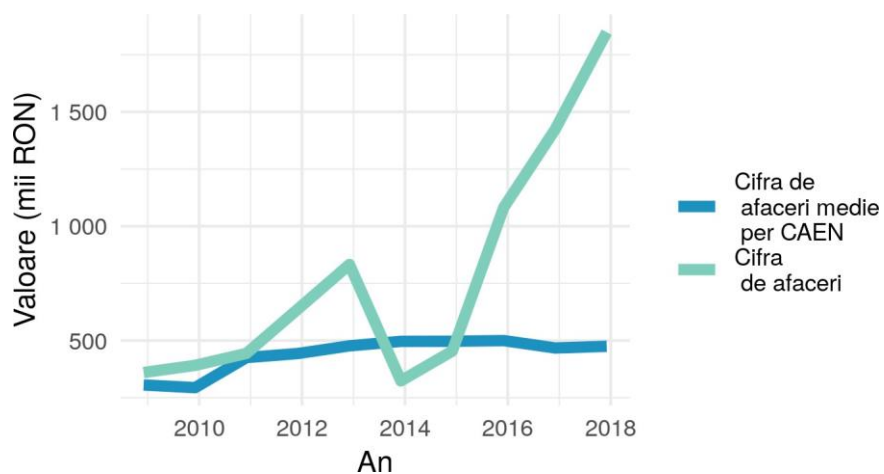


Figura 40: Cifra de afaceri medie a domeniului CAEN si a Elinktron Technology SRL

4.20 Elref SRL

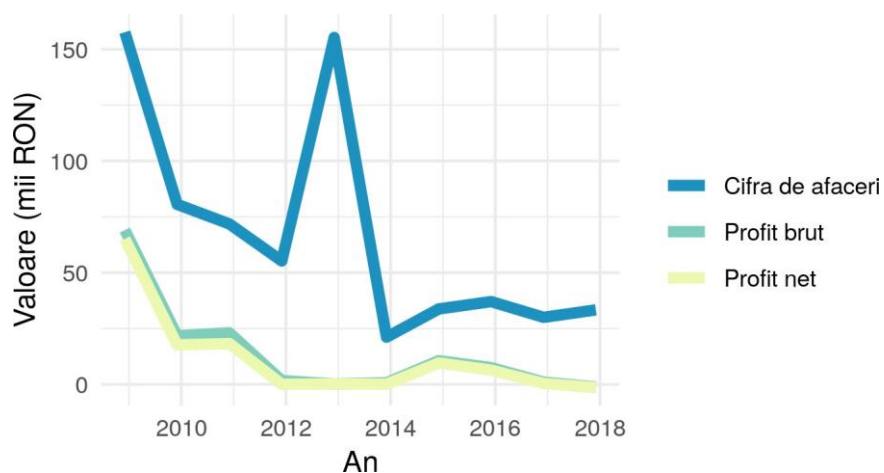


Figura 41: Cifra de afaceri, profitul brut si net: Elref SRL

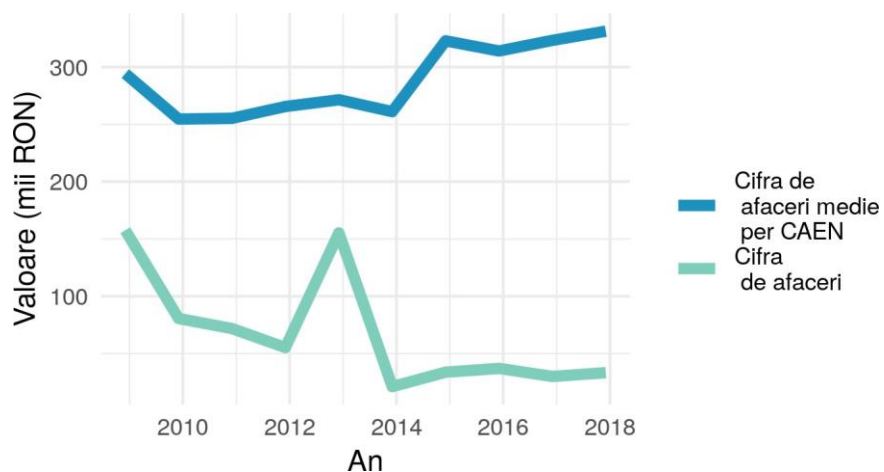


Figura 42: Cifra de afaceri medie a domeniului CAEN si a Elref SRL

4.21 Elsix SRL

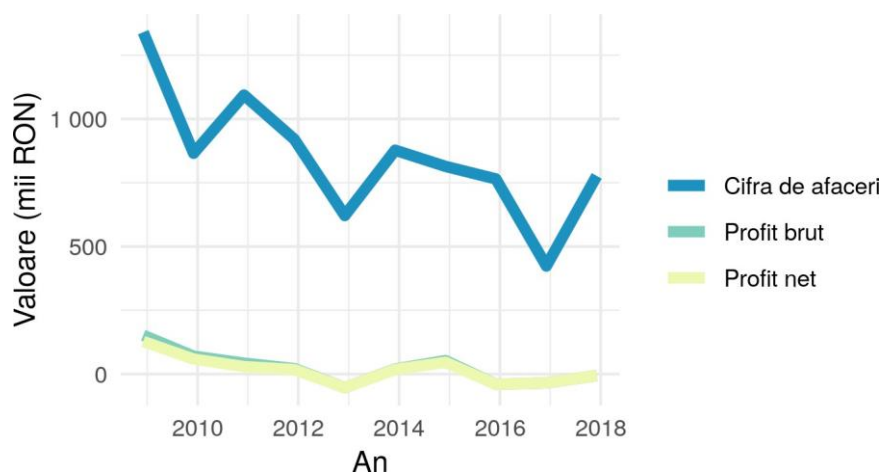


Figura 43: Cifra de afaceri, profitul brut si net: Elsix SRL

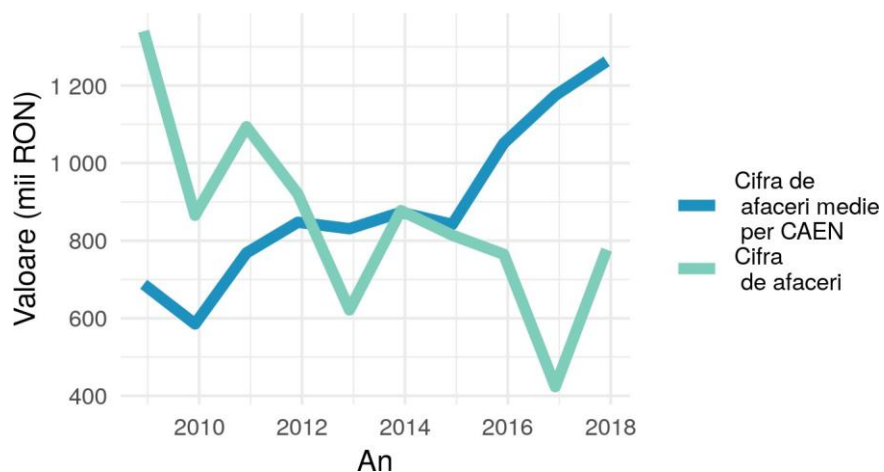


Figura 44: Cifra de afaceri medie a domeniului CAEN si a Elsix SRL

4.22 Euro Standard Press 2000 SRL

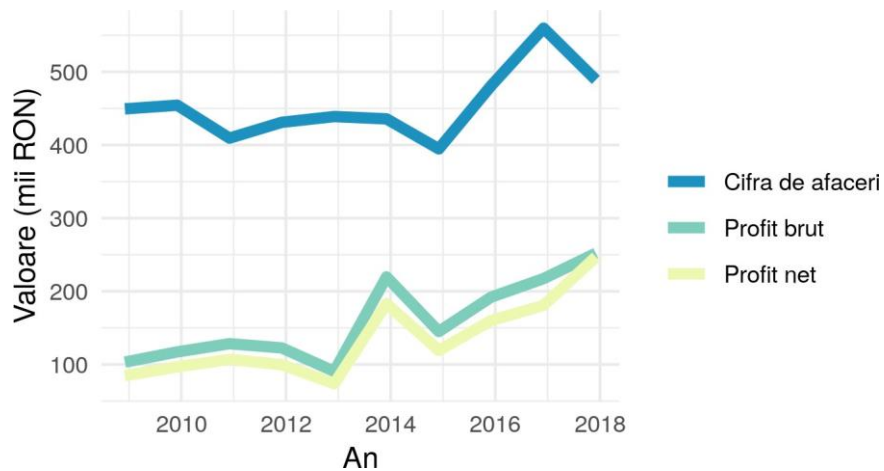


Figura 45: Cifra de afaceri, profitul brut si net: Euro Standard Press 2000 SRL

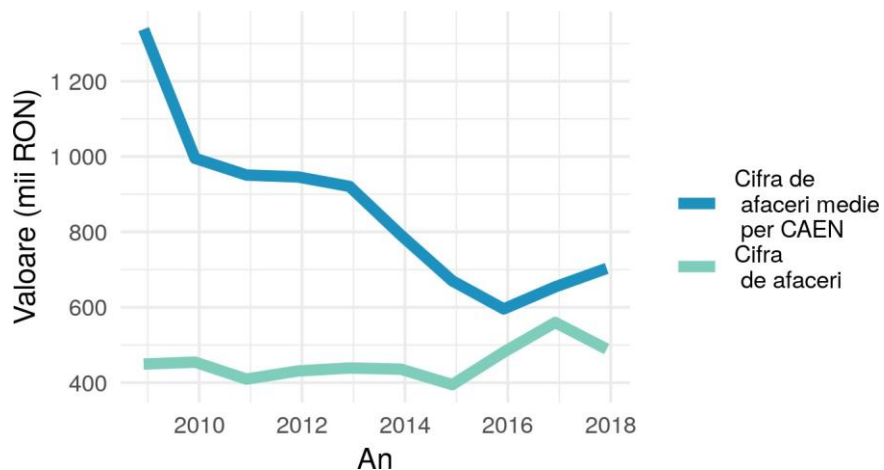


Figura 46: Cifra de afaceri medie a domeniului CAEN si a Euro Standard Press 2000 SRL

4.23 Giga Electronic International SRL

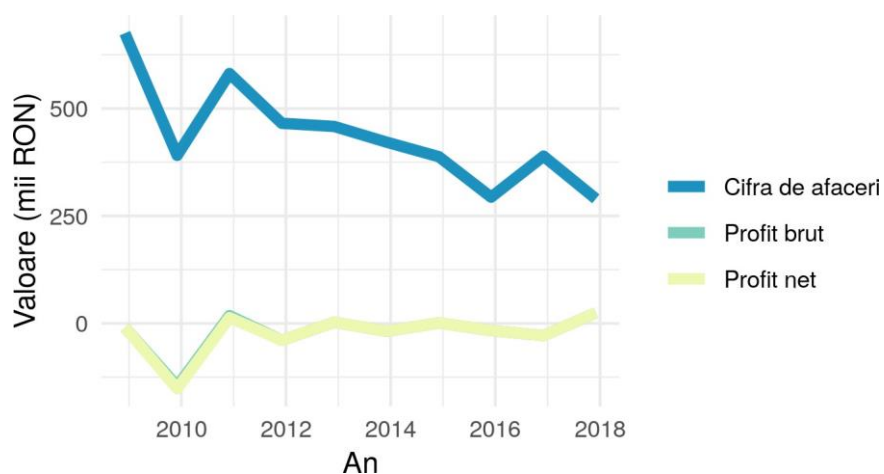


Figura 47: Cifra de afaceri, profitul brut si net: Giga Electronic International SRL

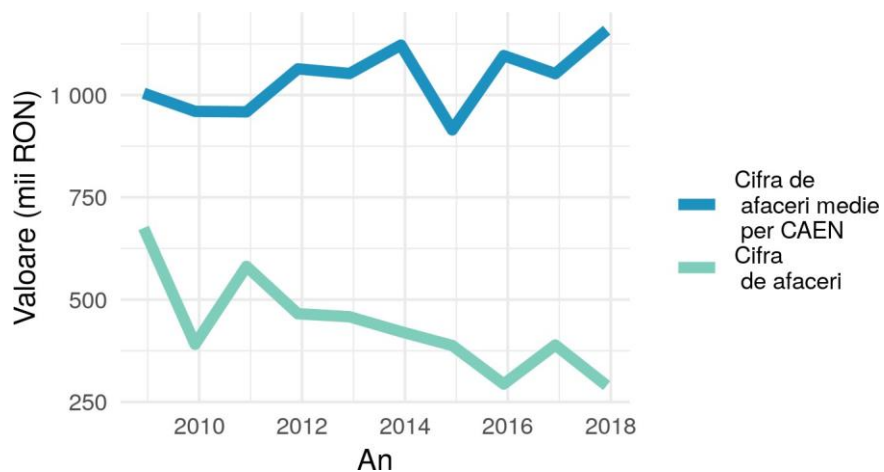


Figura 48: Cifra de afaceri medie a domeniului CAEN si a Giga Electronic International SRL

4.24 Icg Integrated Consulting Group SRL

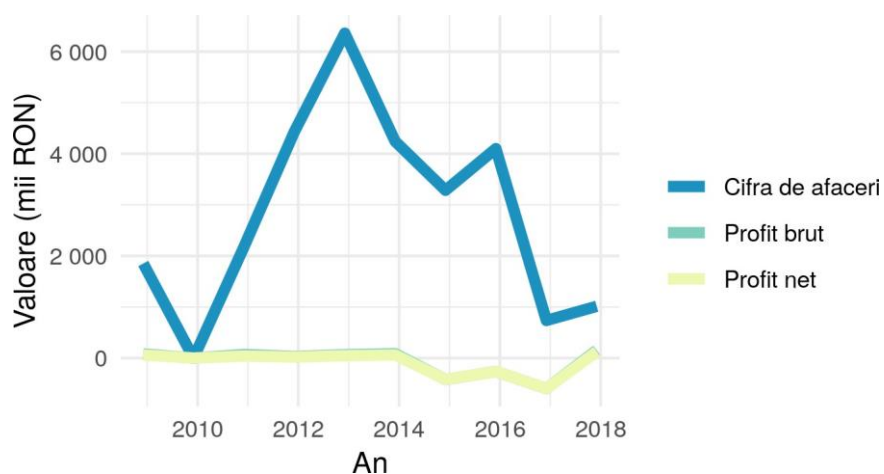


Figura 49: Cifra de afaceri, profitul brut si net: Icg Integrated Consulting Group SRL

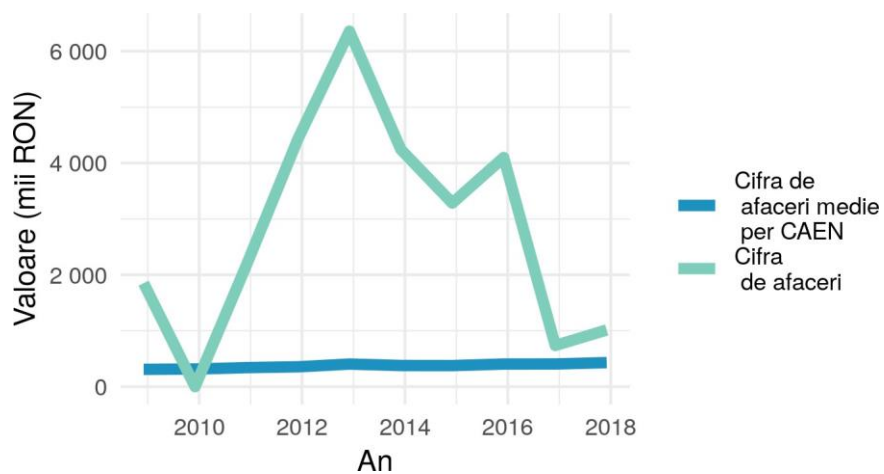


Figura 50: Cifra de afaceri medie a domeniului CAEN si a Icg Integrated Consulting Group SRL

4.25 Ideama Consult SRL

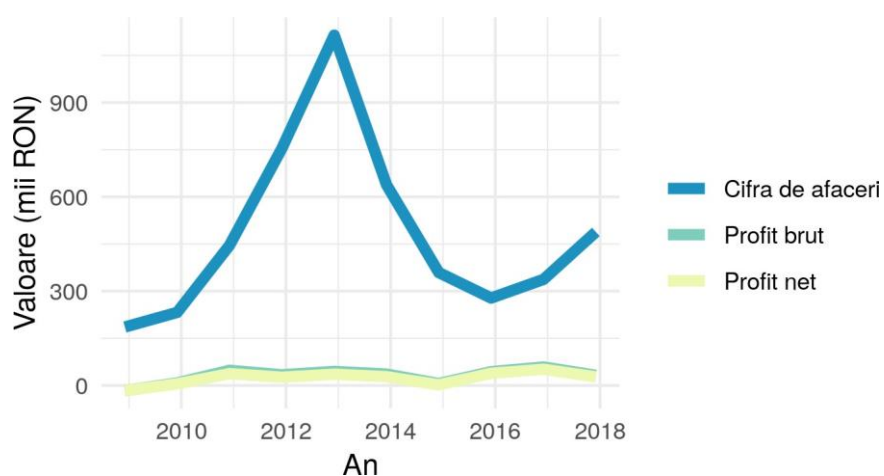


Figura 51: Cifra de afaceri, profitul brut si net: Ideama Consult SRL

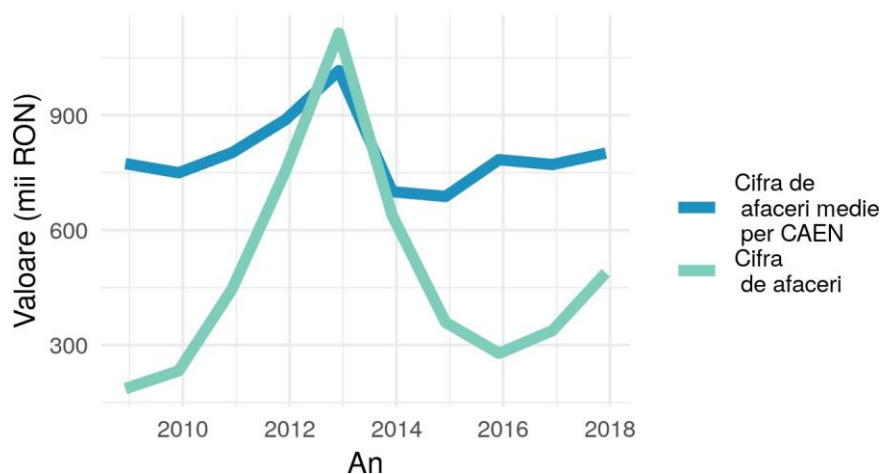


Figura 52: Cifra de afaceri medie a domeniului CAEN si a Ideama Consult SRL

4.26 Infrasoftware SRL

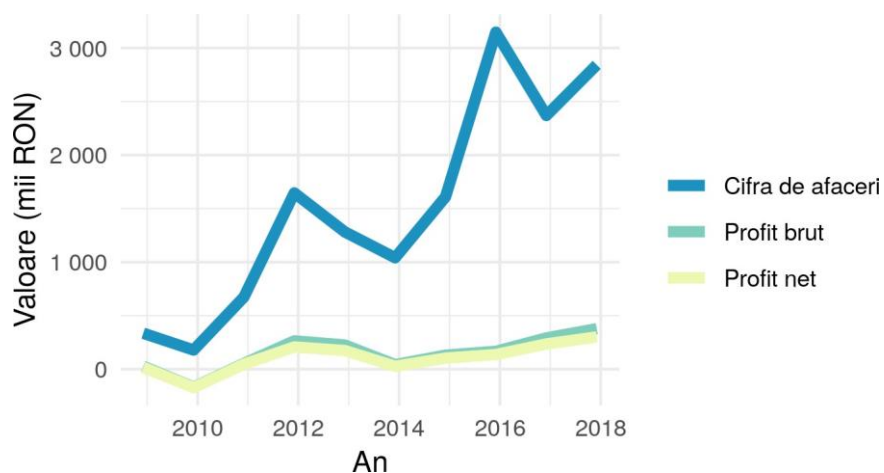


Figura 53: Cifra de afaceri, profitul brut și net: Infrasoftware SRL

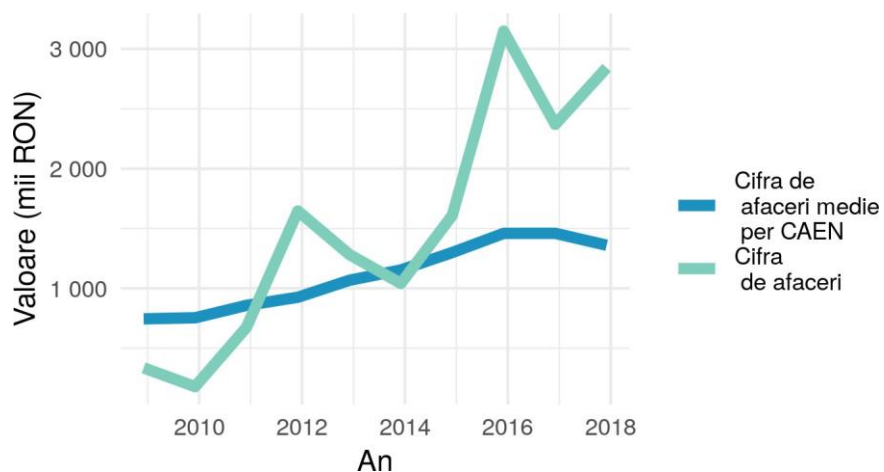


Figura 54: Cifra de afaceri medie a domeniului CAEN și a Infrasoftware SRL

4.27 Key It Solutions SRL

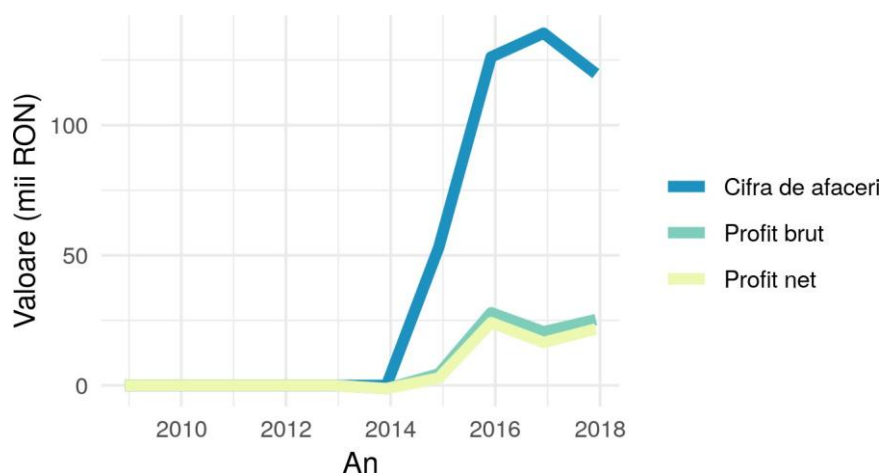


Figura 55: Cifra de afaceri, profitul brut si net: Key It Solutions SRL

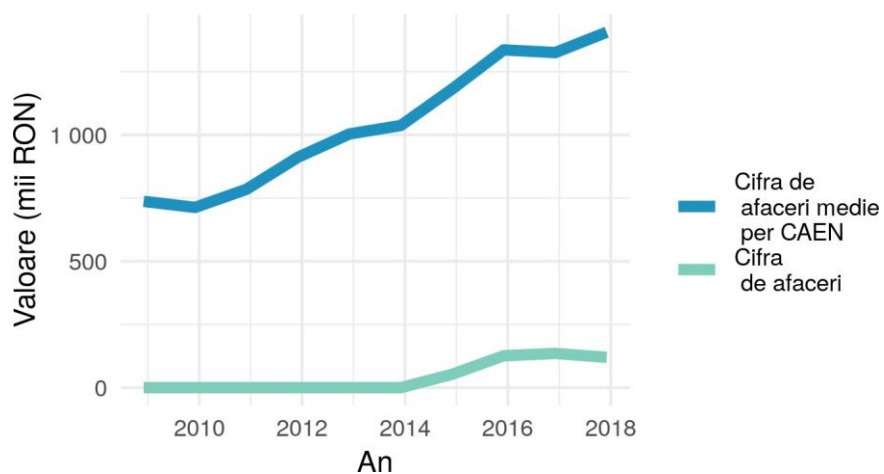


Figura 56: Cifra de afaceri medie a domeniului CAEN si a Key It Solutions SRL

4.28 L&G Advice Serv SRL

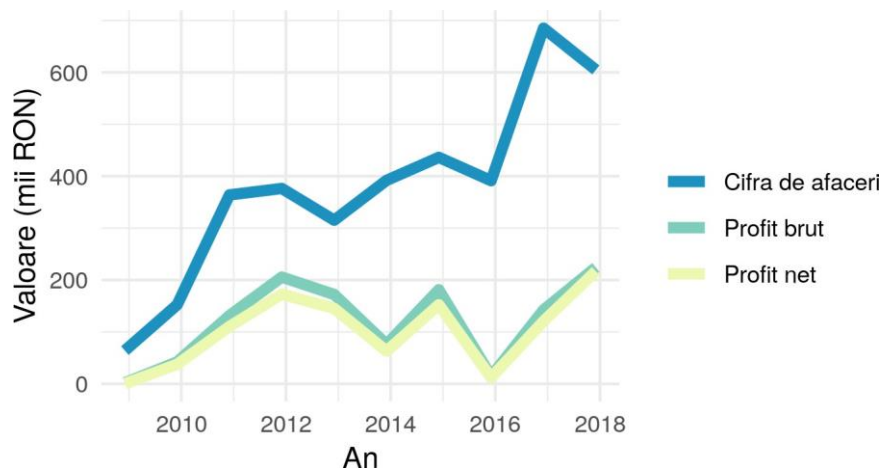


Figura 57: Cifra de afaceri, profitul brut si net: L&G Advice Serv SRL

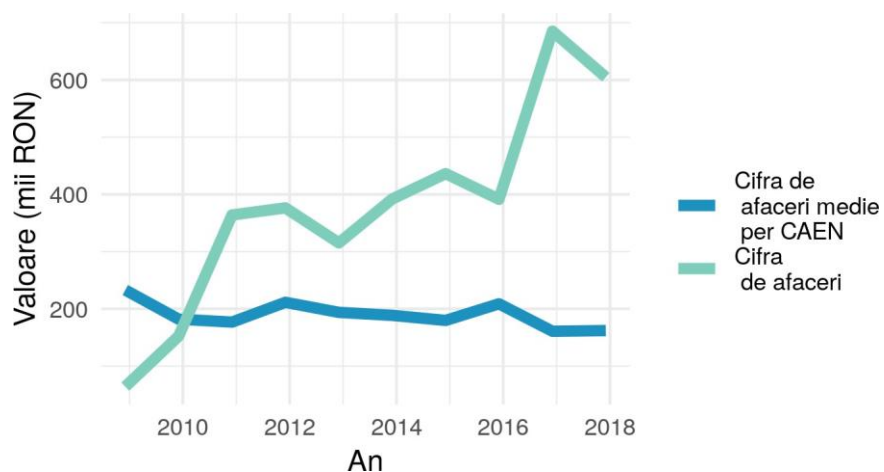


Figura 58: Cifra de afaceri medie a domeniului CAEN si a L&G Advice Serv SRL

4.29 Luca Electric SRL

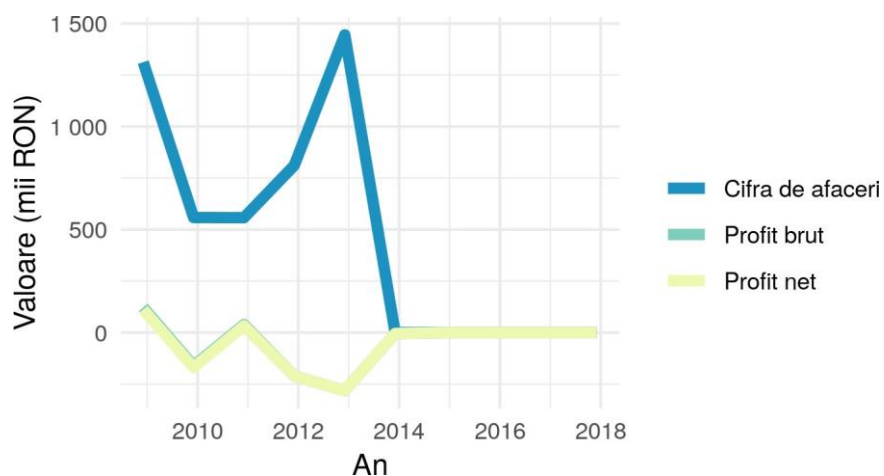


Figura 59: Cifra de afaceri, profitul brut si net: Luca Electric SRL

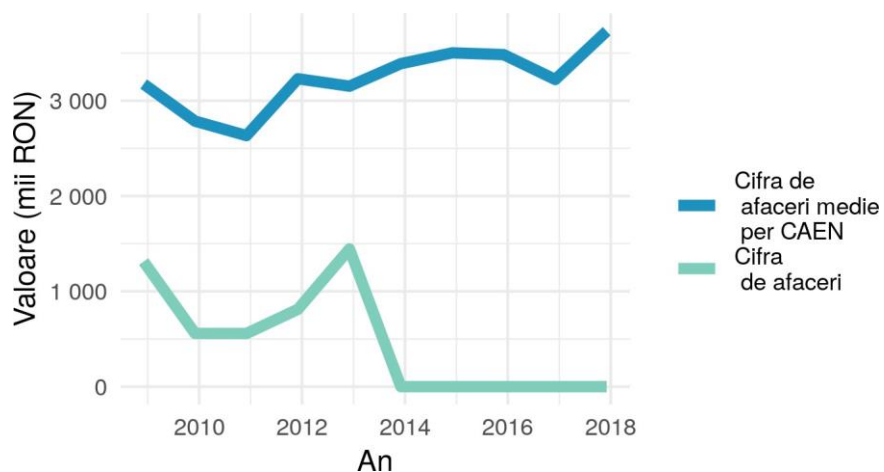


Figura 60: Cifra de afaceri medie a domeniului CAEN si a Luca Electric SRL

4.30 Magnum Ccc SRL

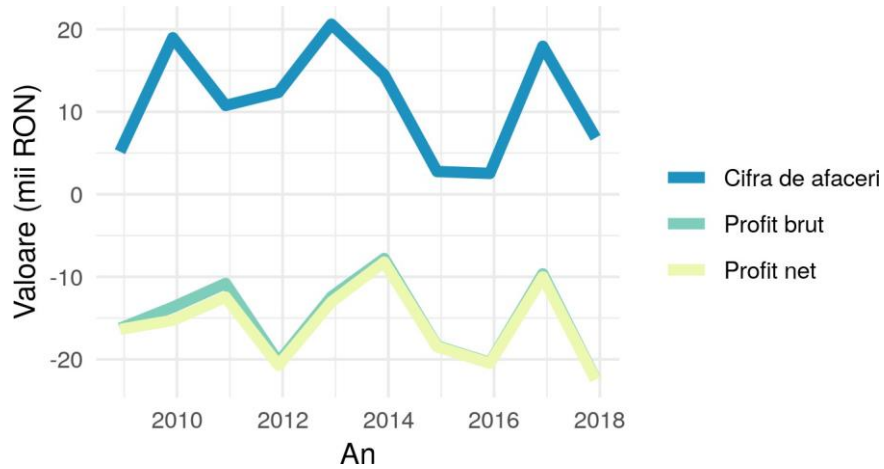


Figura 61: Cifra de afaceri, profitul brut si net: Magnum Ccc SRL

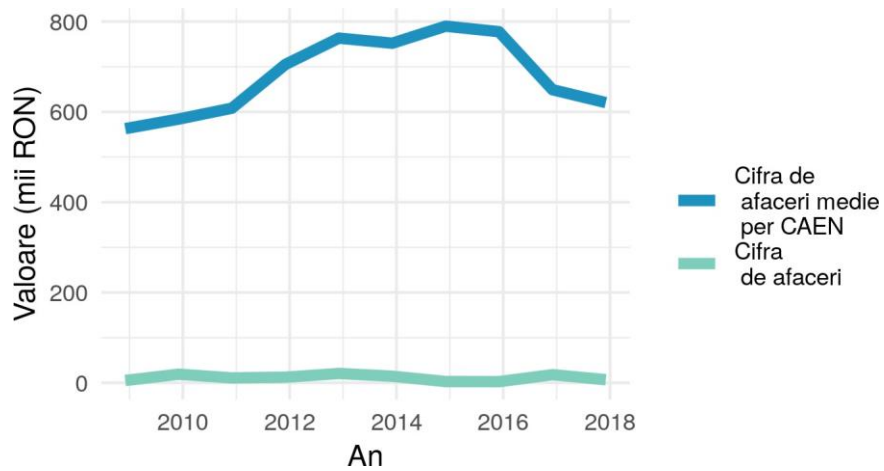


Figura 62: Cifra de afaceri medie a domeniului CAEN si a Magnum Ccc SRL

4.31 Omniconvert SRL

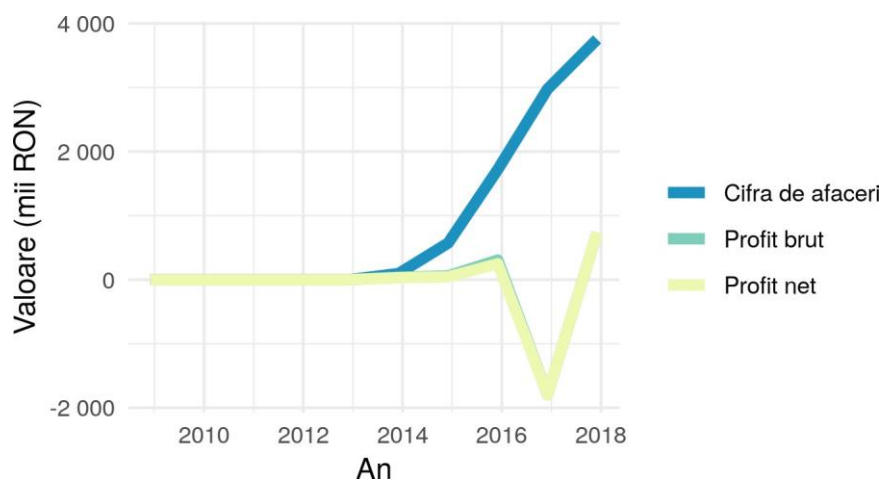


Figura 63: Cifra de afaceri, profitul brut si net: Omniconvert SRL

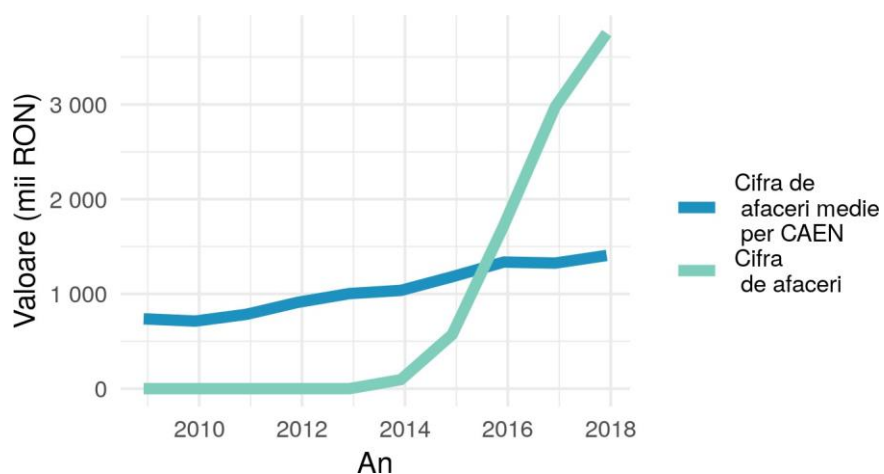


Figura 64: Cifra de afaceri medie a domeniului CAEN si a Omniconvert SRL

4.32 Mibatron SRL

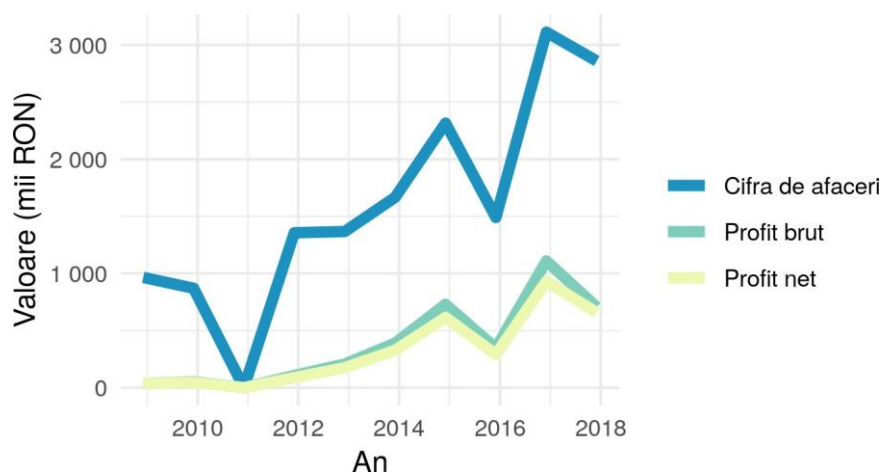


Figura 65: Cifra de afaceri, profitul brut si net: Mibatron SRL

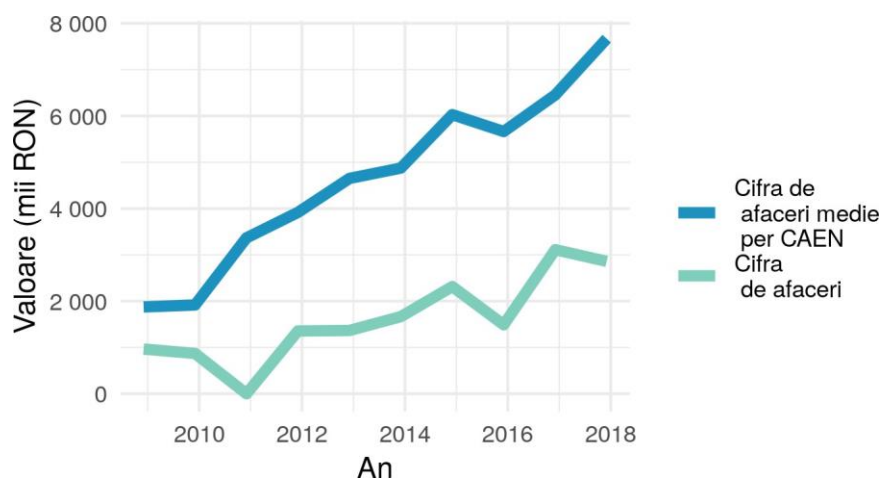


Figura 66: Cifra de afaceri medie a domeniului CAEN si a Mibatron SRL

4.33 Net Digital Service SRL

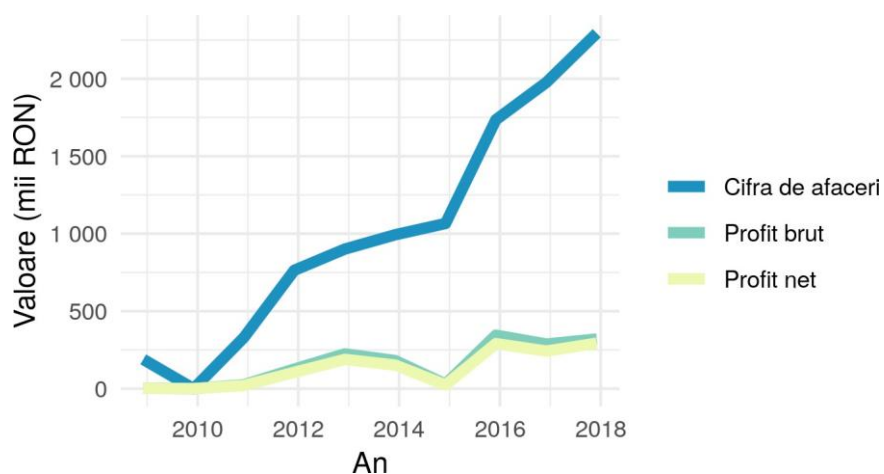


Figura 67: Cifra de afaceri, profitul brut si net: Net Digital Service SRL

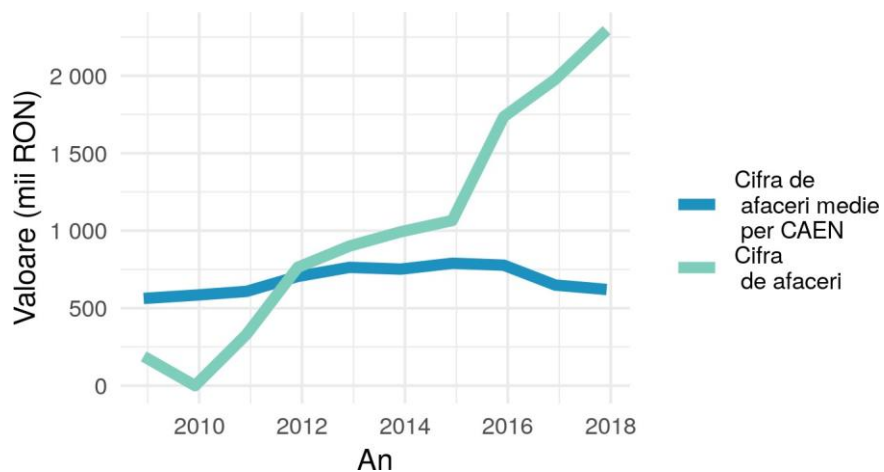


Figura 68: Cifra de afaceri medie a domeniului CAEN si a Net Digital Service SRL

4.34 Netsun Software SRL

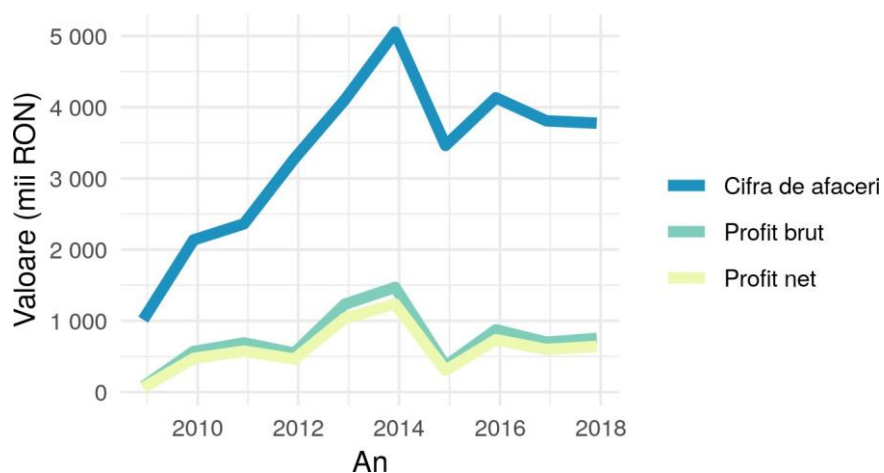


Figura 69: Cifra de afaceri, profitul brut si net: Netsun Software SRL

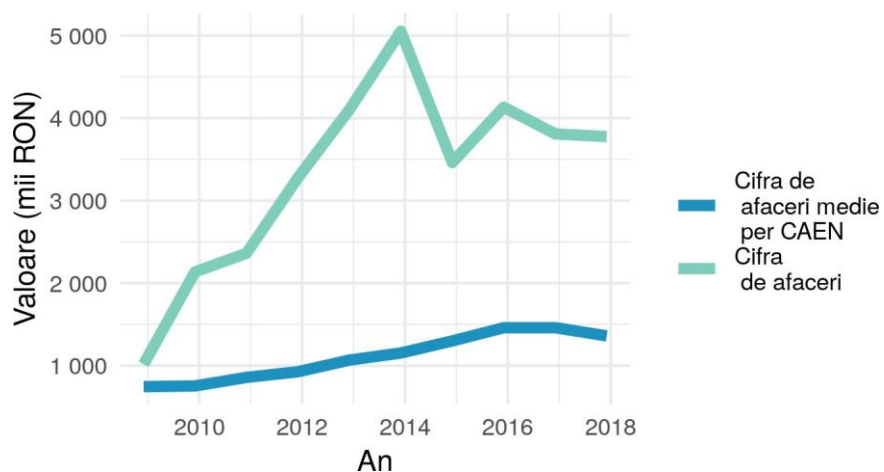


Figura 70: Cifra de afaceri medie a domeniului CAEN si a Netsun Software SRL

4.35 Optoelectronica - 2001 SA

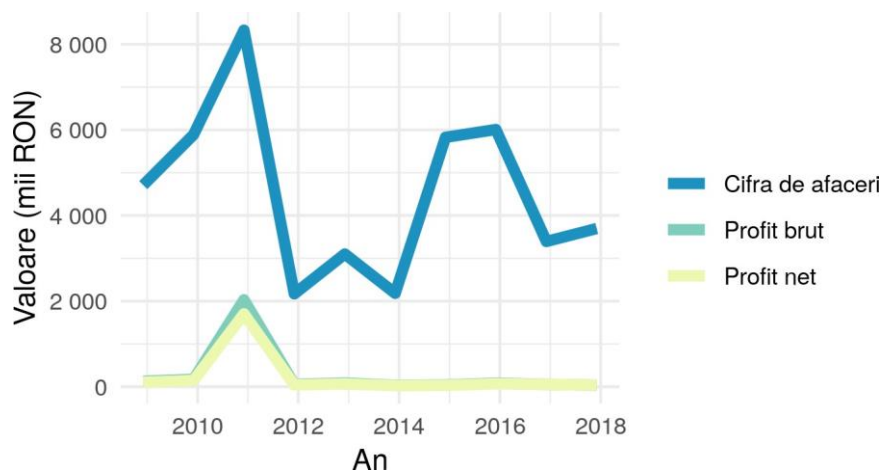


Figura 71: Cifra de afaceri, profitul brut si net: Optoelectronica - 2001 SA

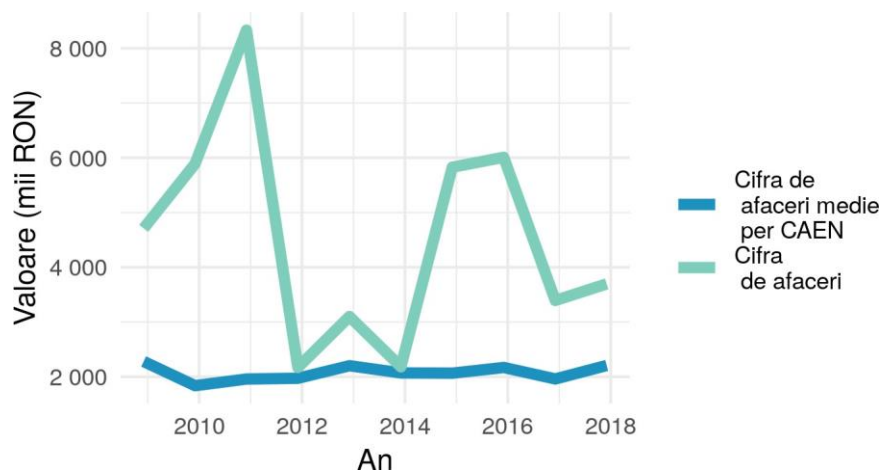


Figura 72: Cifra de afaceri medie a domeniului CAEN si a Optoelectronica - 2001 SA

4.36 Parrot Invent SRL

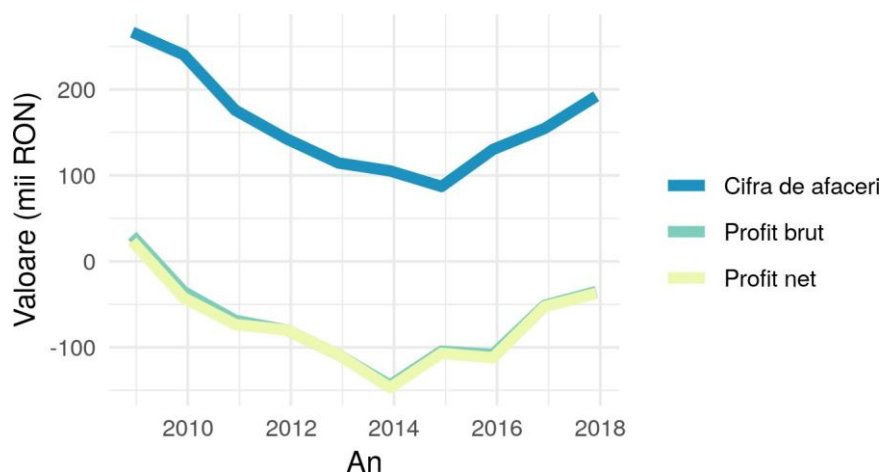


Figura 73: Cifra de afaceri, profitul brut si net: Parrot Invent SRL

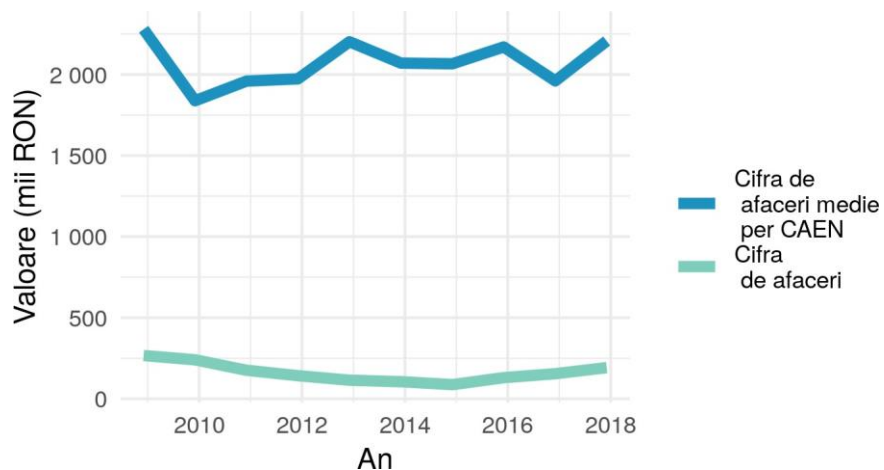


Figura 74: Cifra de afaceri medie a domeniului CAEN si a Parrot Invent SRL

4.37 Pro Optica SA

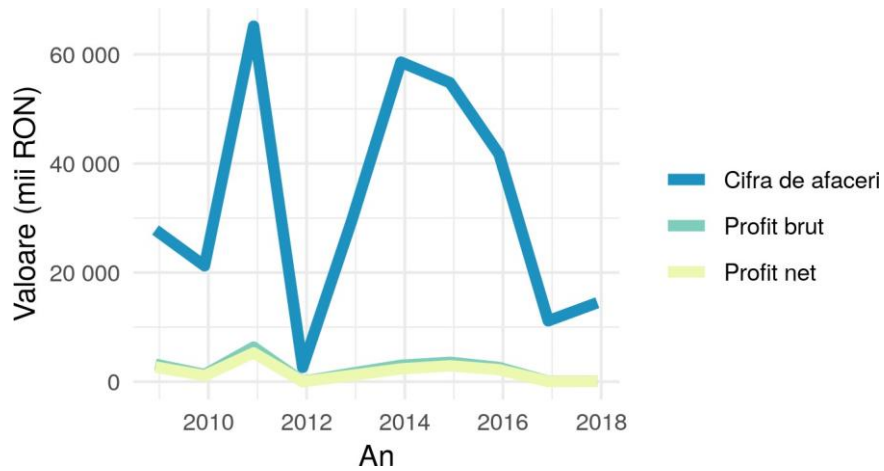


Figura 75: Cifra de afaceri, profitul brut si net: Pro Optica SA

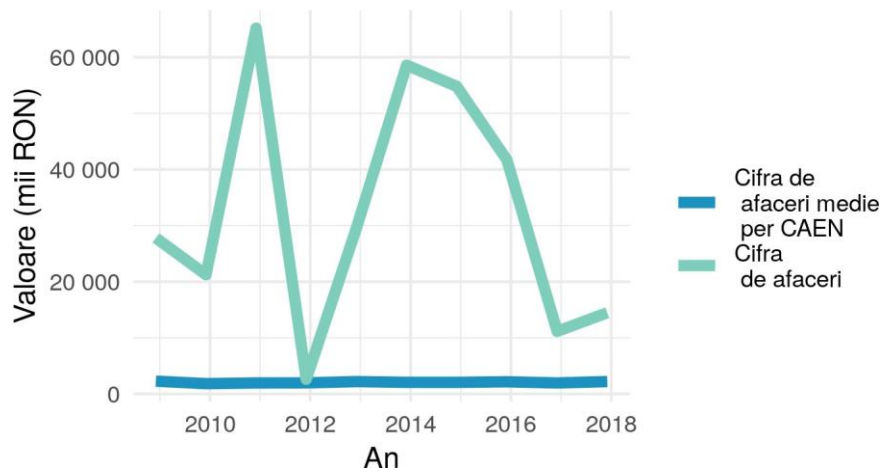


Figura 76: Cifra de afaceri medie a domeniului CAEN si a Pro Optica SA

4.38 Radio Consult SRL

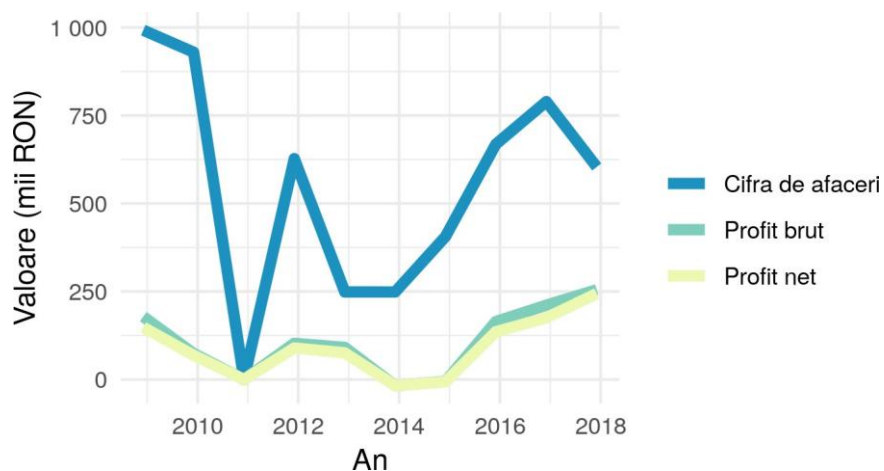


Figura 77: Cifra de afaceri, profitul brut si net: Radio Consult SRL

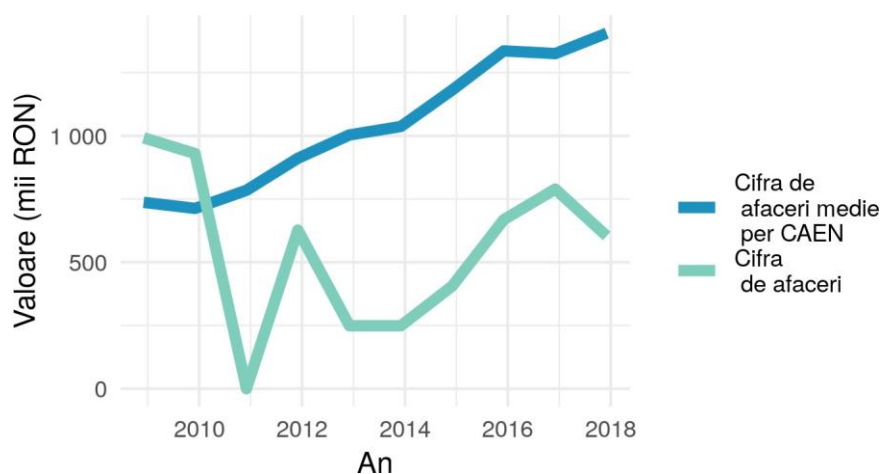


Figura 78: Cifra de afaceri medie a domeniului CAEN si a Radio Consult SRL

4.39 Roel Design & Manufacturing SRL

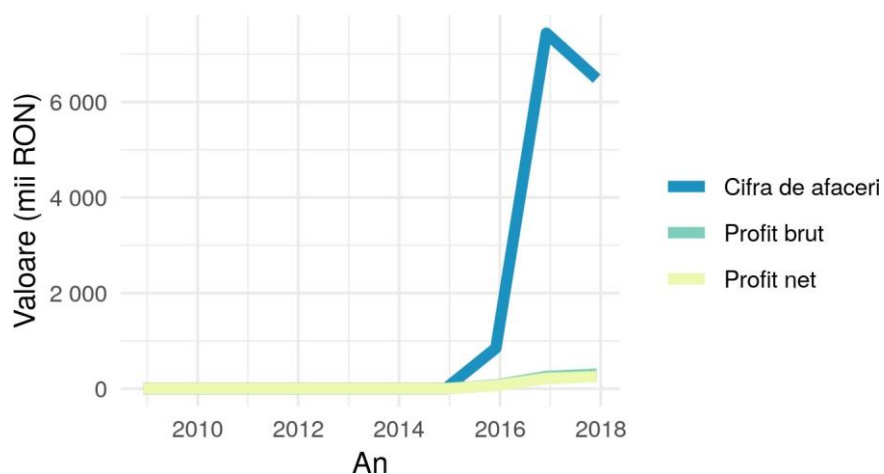


Figura 79: Cifra de afaceri, profitul brut si net: Roel Design & Manufacturing SRL

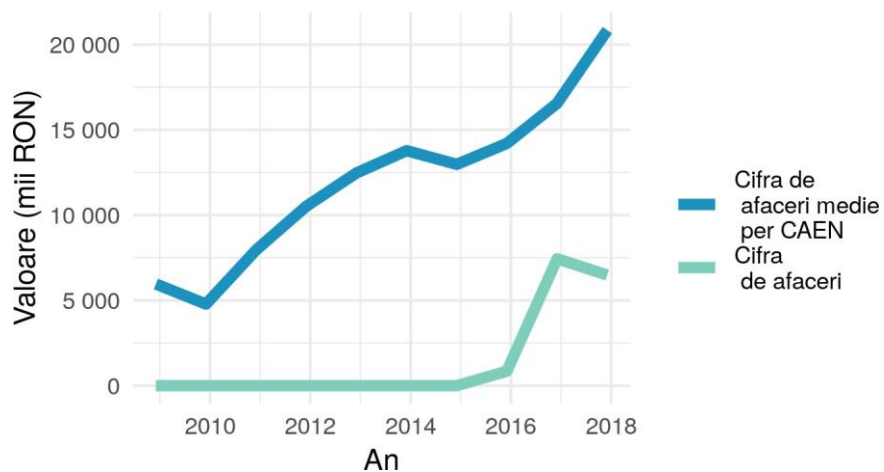


Figura 80: Cifra de afaceri medie a domeniului CAEN si a Roel Design & Manufacturing SRL

4.40 Rond Electric SRL

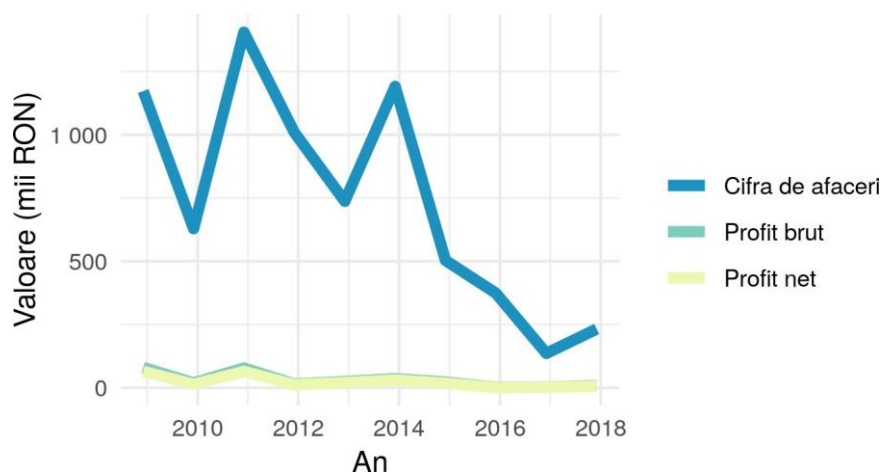


Figura 81: Cifra de afaceri, profitul brut si net: Rond Electric SRL

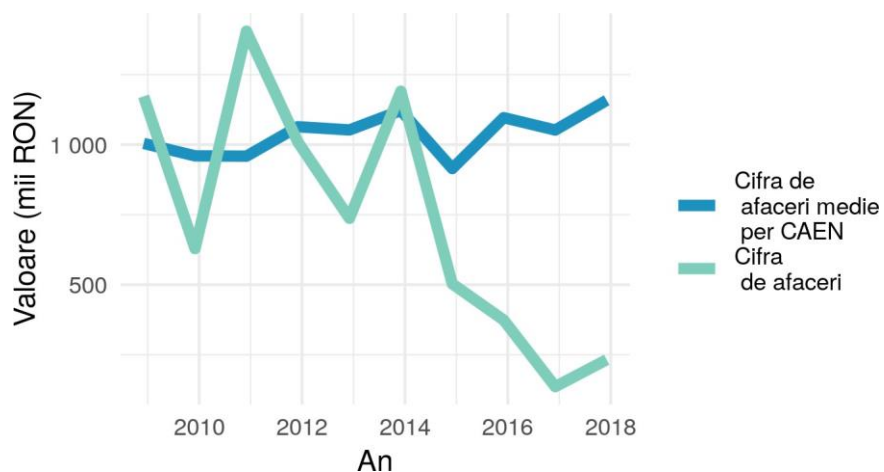


Figura 82: Cifra de afaceri medie a domeniului CAEN si a Rond Electric SRL

4.41 Samway Electronic SRL

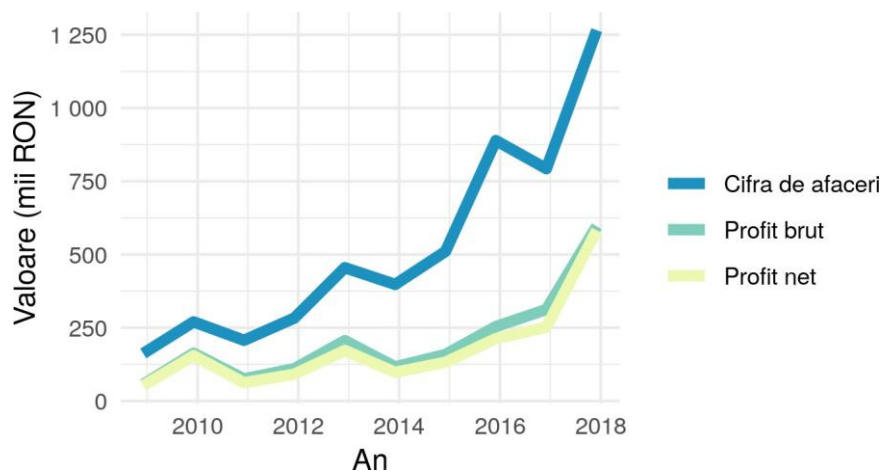


Figura 83: Cifra de afaceri, profitul brut si net: Samway Electronic SRL

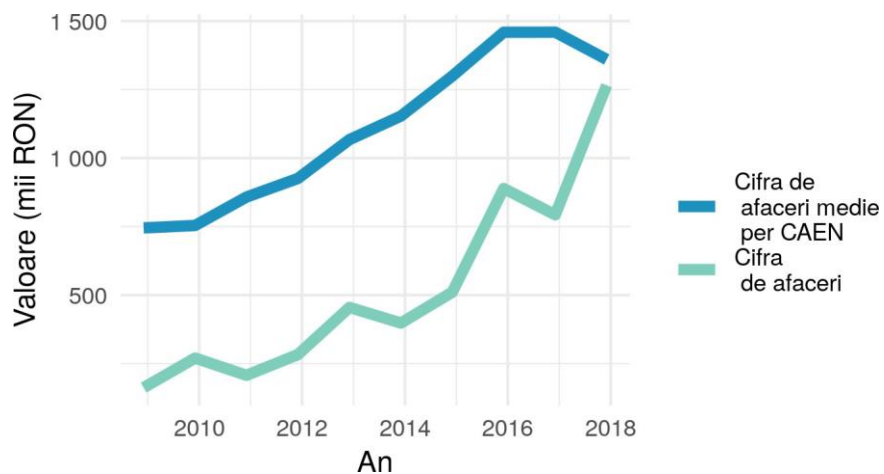


Figura 84: Cifra de afaceri medie a domeniului CAEN si a Samway Electronic SRL

4.42 Sbs - Standard Business Solution SRL

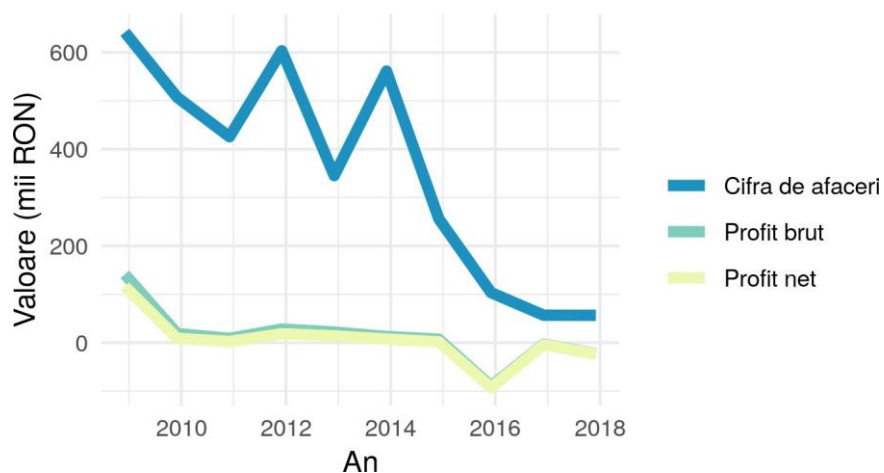


Figura 85: Cifra de afaceri, profitul brut si net: Sbs - Standard Business Solution SRL

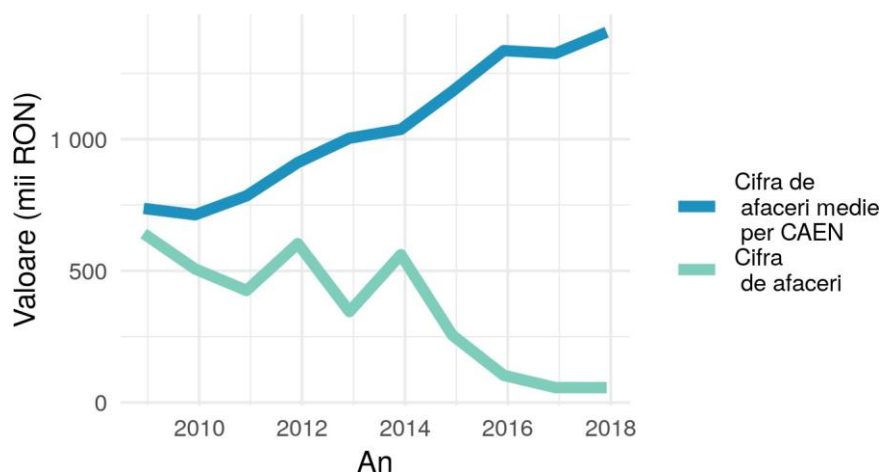


Figura 86: Cifra de afaceri medie a domeniului CAEN si a Sbs - Standard Business Solution SRL

4.43 Art Games SRL

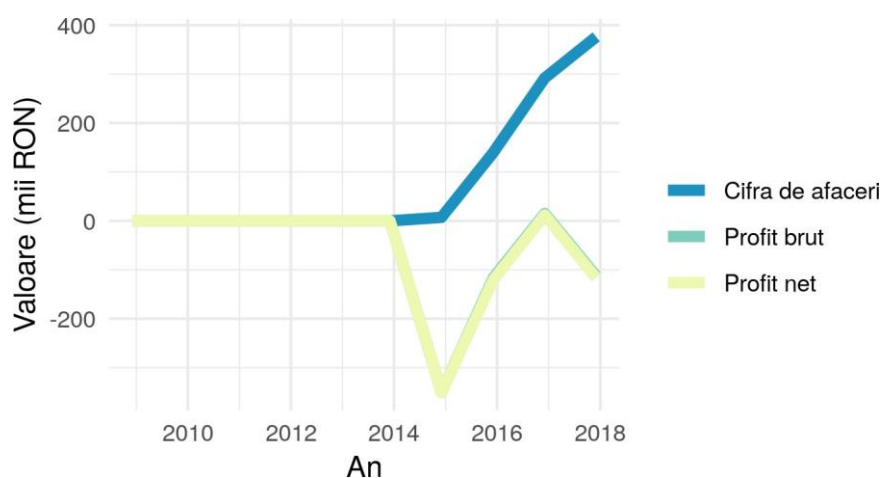


Figura 87: Cifra de afaceri, profitul brut si net: Art Games SRL

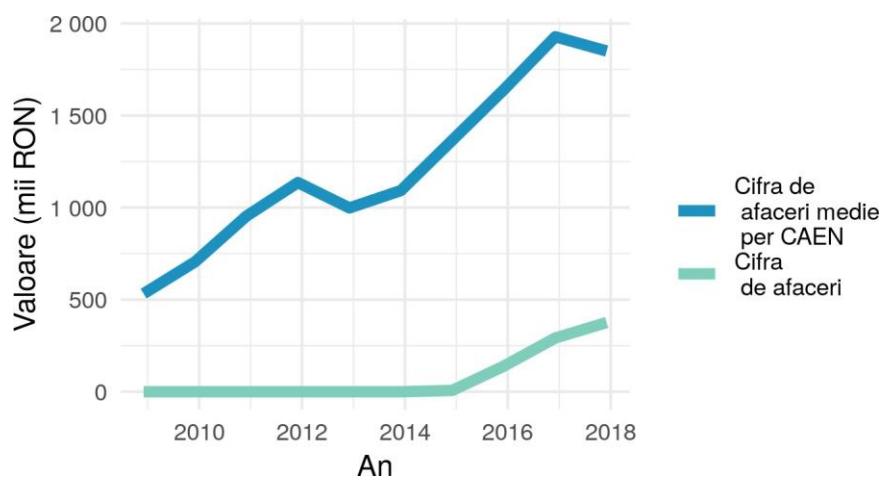


Figura 88: Cifra de afaceri medie a domeniului CAEN si a Art Games SRL

4.44 Ascenta It Services SRL

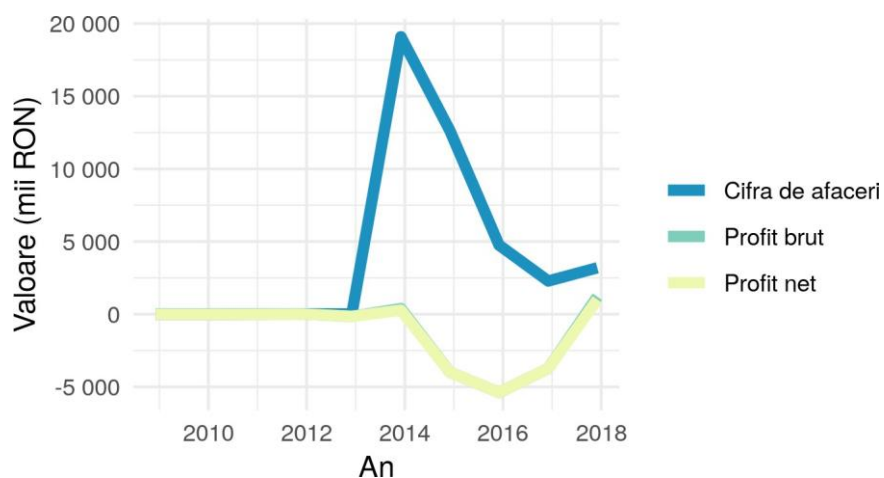


Figura 89: Cifra de afaceri, profitul brut si net: Ascenta It Services SRL

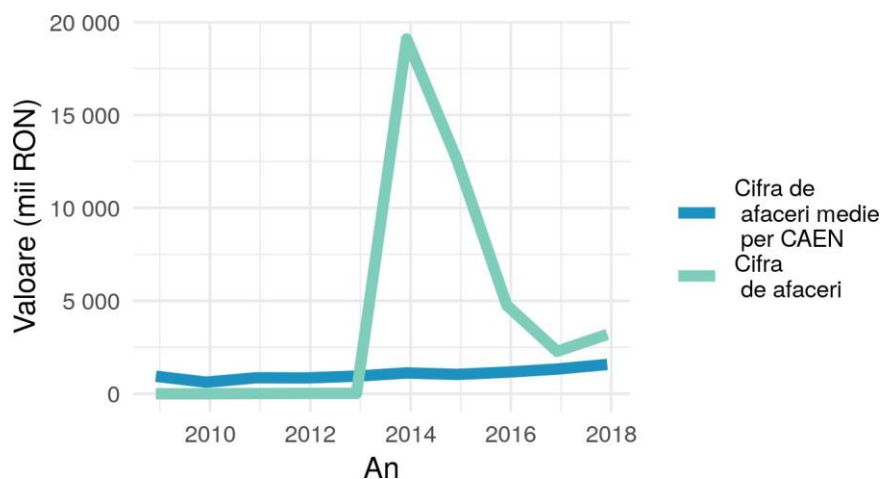


Figura 90: Cifra de afaceri medie a domeniului CAEN si a Ascenta It Services SRL

4.45 Eventlink 360 Solutions SRL

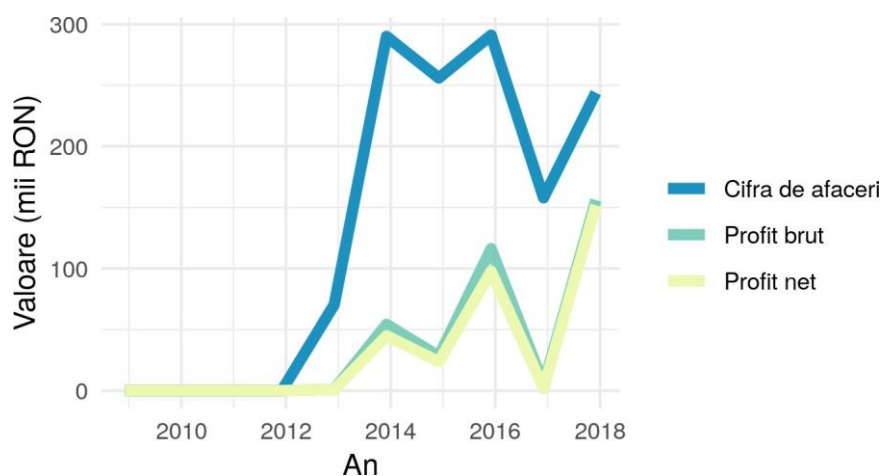


Figura 91: Cifra de afaceri, profitul brut si net: Eventlink 360 Solutions SRL

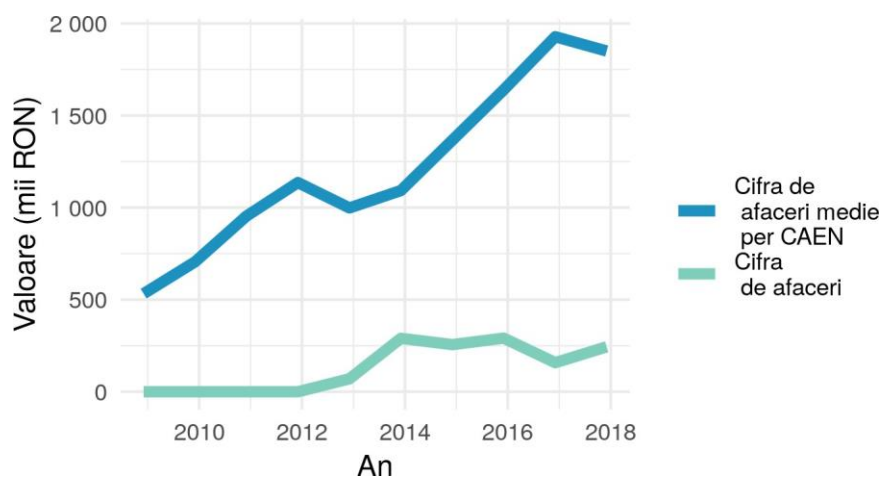


Figura 92: Cifra de afaceri medie a domeniului CAEN si a Eventlink 360 Solutions SRL

4.46 Prosoft++ SRL

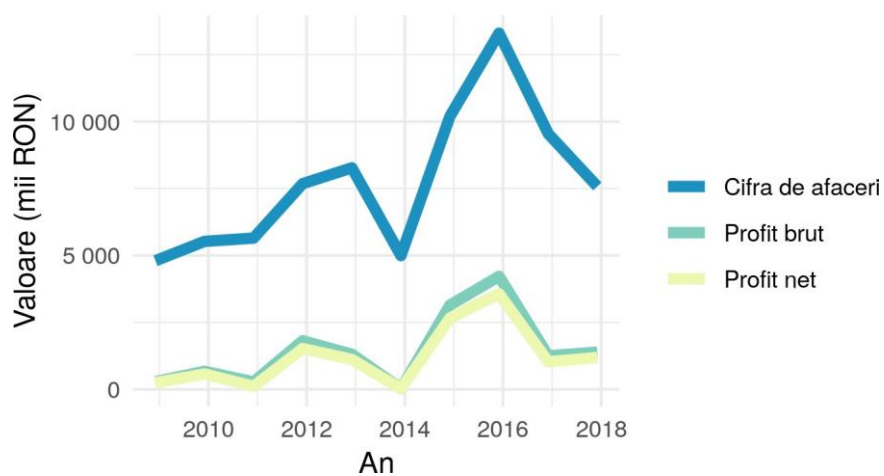


Figura 93: Cifra de afaceri, profitul brut si net: Prosoft++ SRL

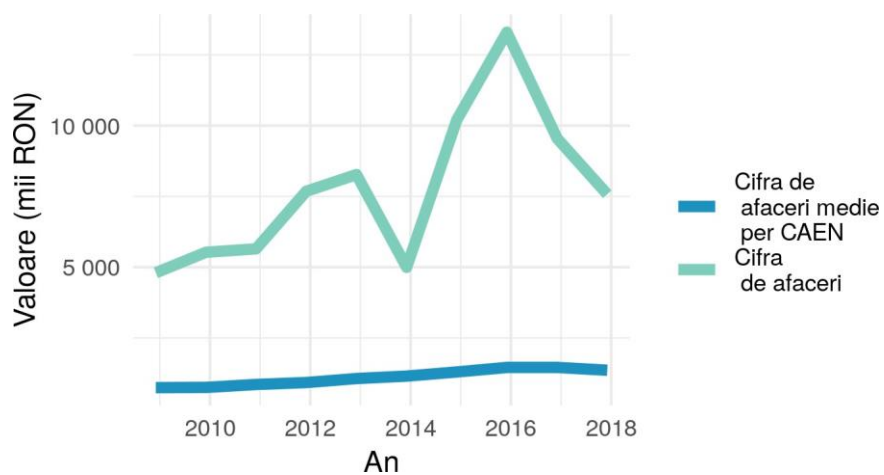


Figura 94: Cifra de afaceri medie a domeniului CAEN si a Prosoft++ SRL

4.47 C.S.C. Trans Metal SRL

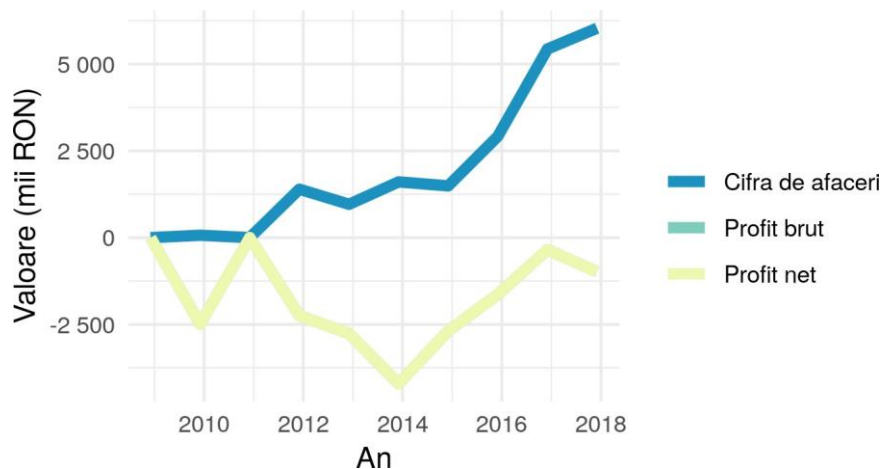


Figura 95: Cifra de afaceri, profitul brut si net: C.S.C. Trans Metal SRL

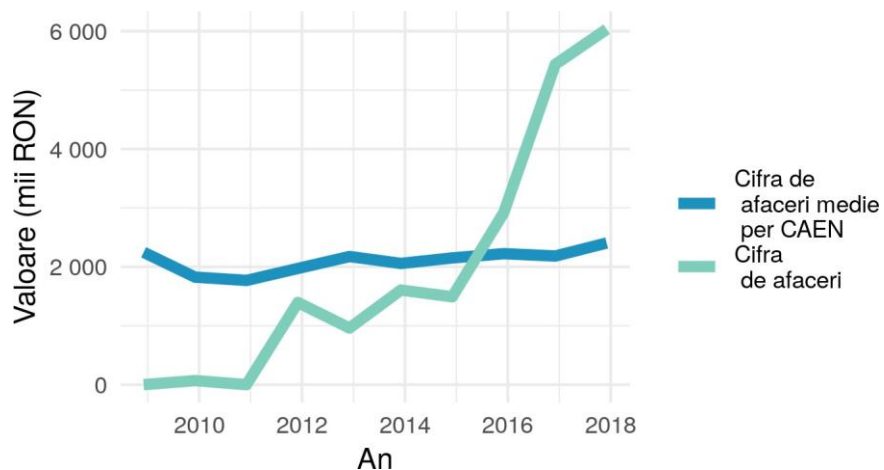


Figura 96: Cifra de afaceri medie a domeniului CAEN si a C.S.C. Trans Metal SRL

4.48 Seletron-Software Si Automatizari SRL

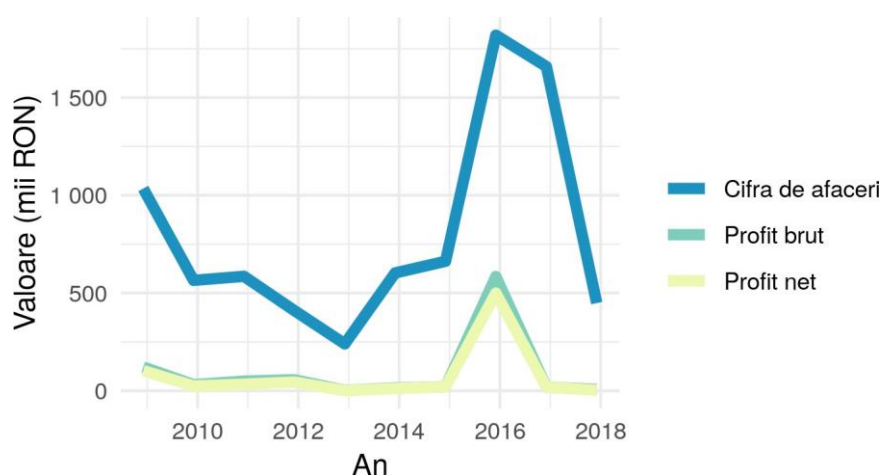


Figura 97: Cifra de afaceri, profitul brut si net: Seletron-Software Si Automatizari SRL

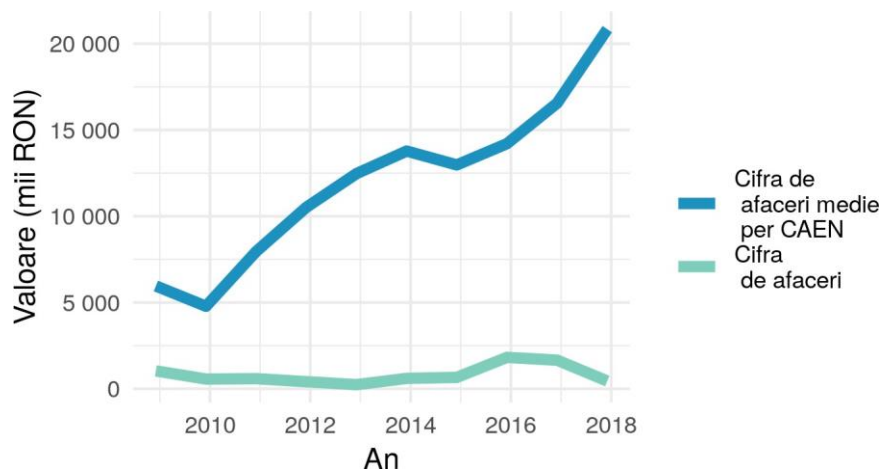


Figura 98: Cifra de afaceri medie a domeniului CAEN si a Seletron-Software Si Automatizari SRL

4.49 Smm Invest Co SRL

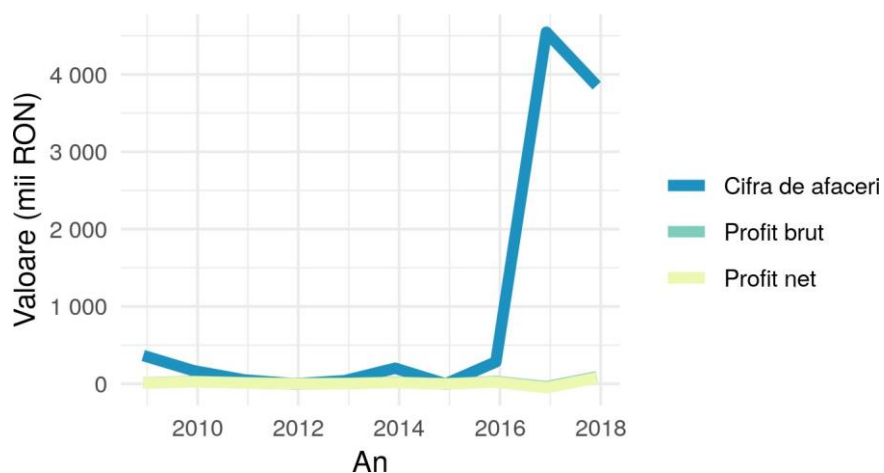


Figura 99: Cifra de afaceri, profitul brut si net: Smm Invest Co SRL

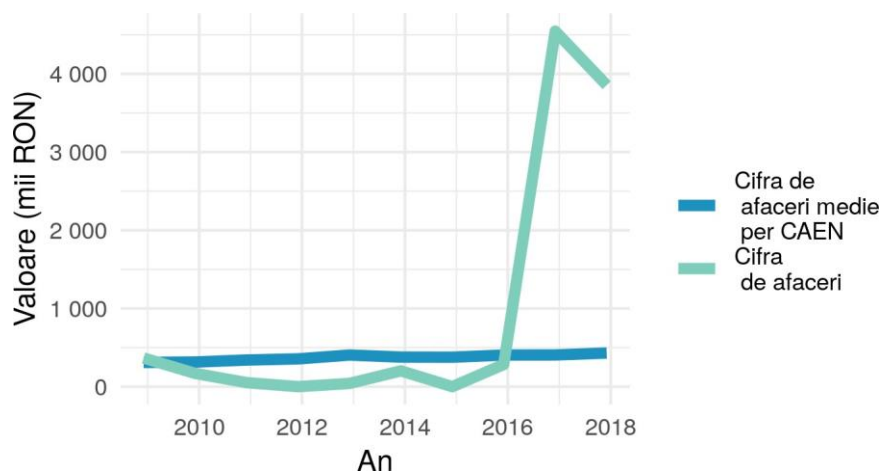


Figura 100: Cifra de afaceri medie a domeniului CAEN si a Smm Invest Co SRL

4.50 Softtehnica SRL

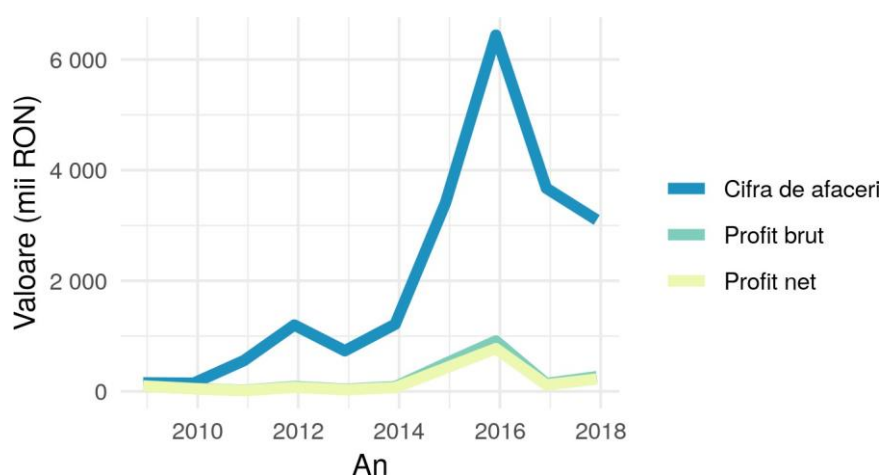


Figura 101: Cifra de afaceri, profitul brut si net: Softtehnica SRL

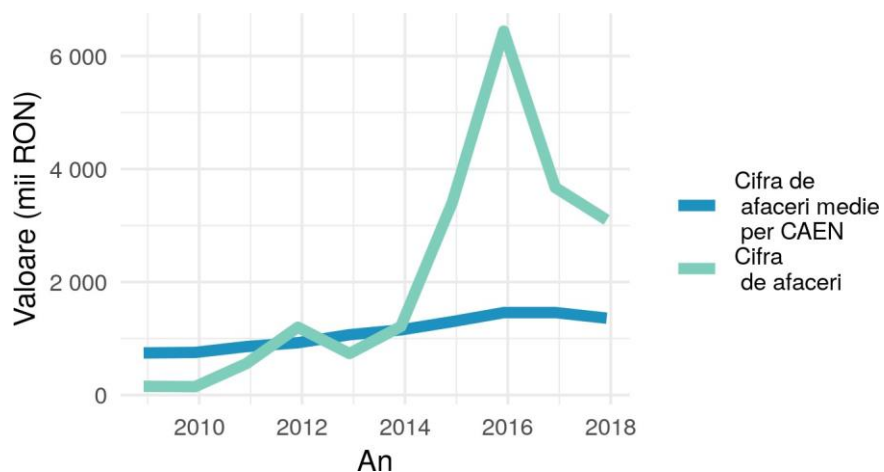


Figura 102: Cifra de afaceri medie a domeniului CAEN si a Softtehnica SRL

4.51 Suitcorp SRL

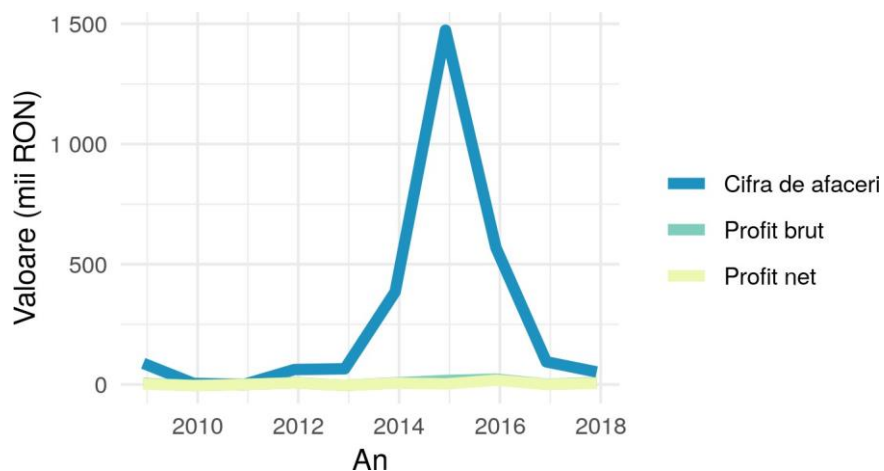


Figura 103: Cifra de afaceri, profitul brut si net: Suitcorp SRL

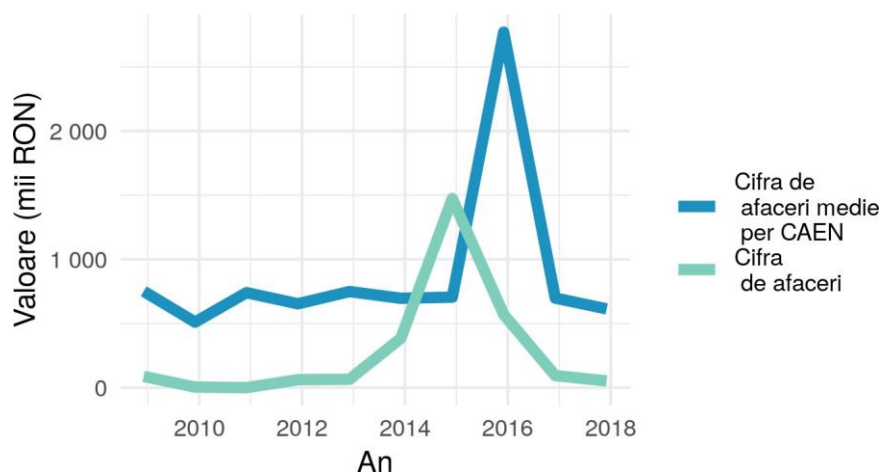


Figura 104: Cifra de afaceri medie a domeniului CAEN si a Suitcorp SRL

4.52 Suncommunication SRL

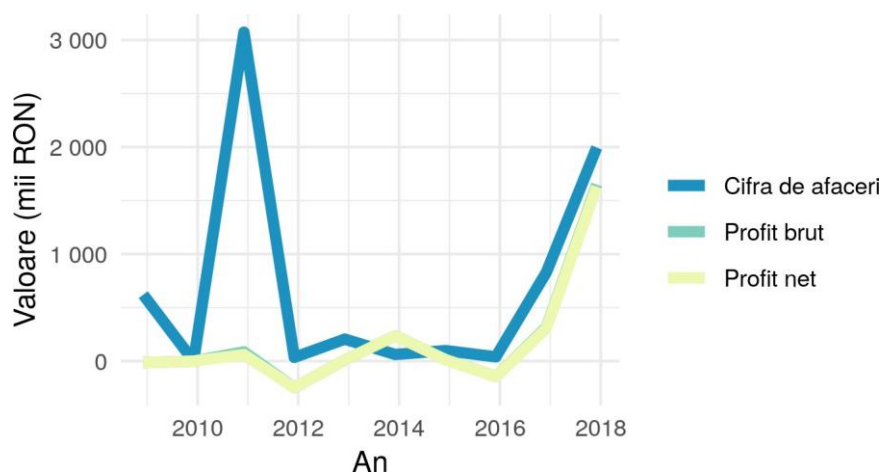


Figura 105: Cifra de afaceri, profitul brut si net: Suncommunication SRL

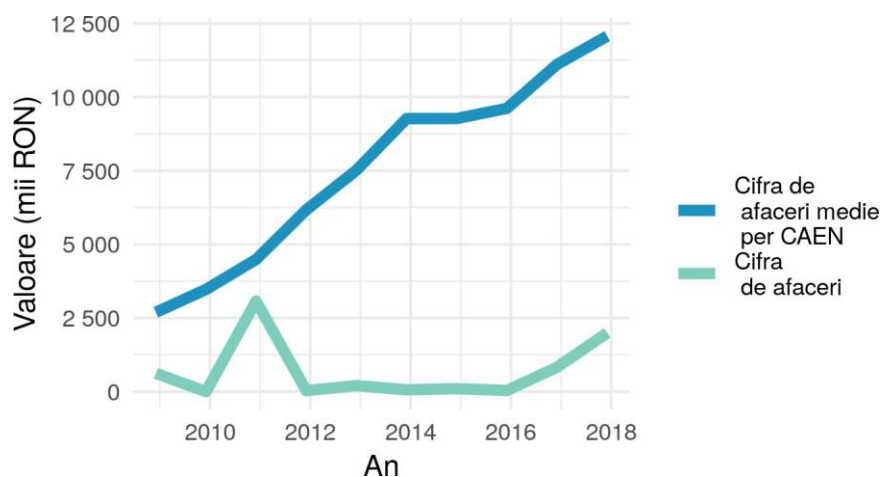


Figura 106: Cifra de afaceri medie a domeniului CAEN si a Suncommunication SRL

4.53 Syswin Solutions SRL

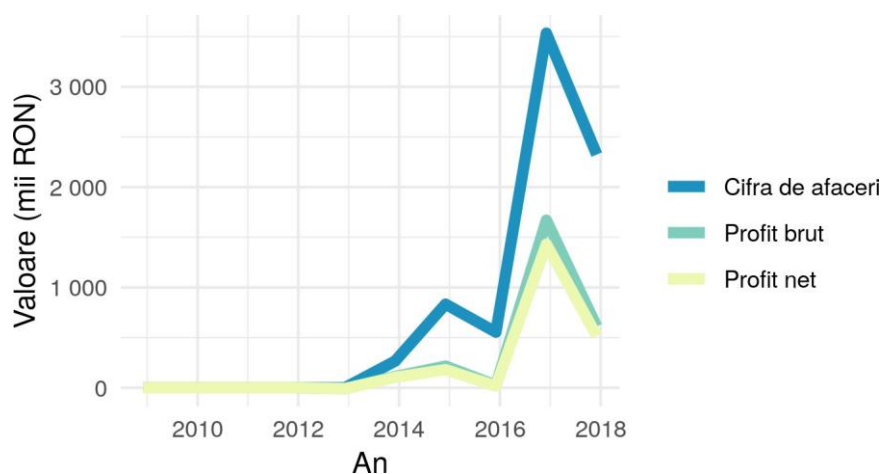


Figura 107: Cifra de afaceri, profitul brut si net: Syswin Solutions SRL

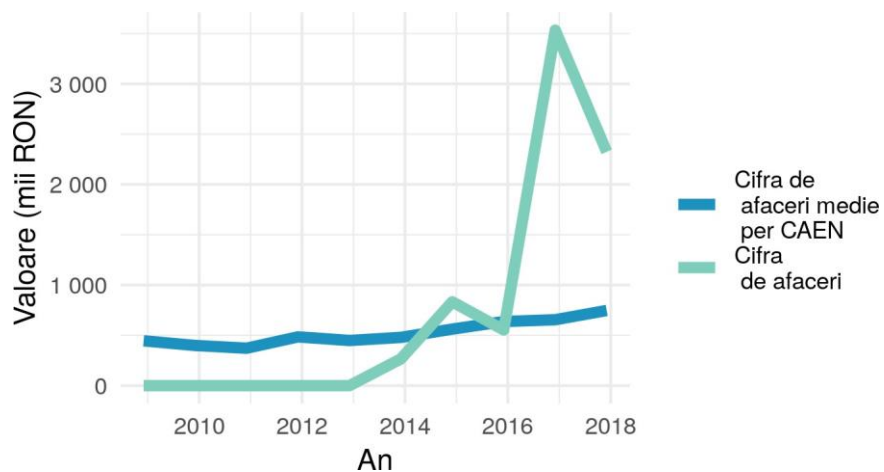


Figura 108: Cifra de afaceri medie a domeniului CAEN si a Syswin Solutions SRL

4.54 Tensor SRL

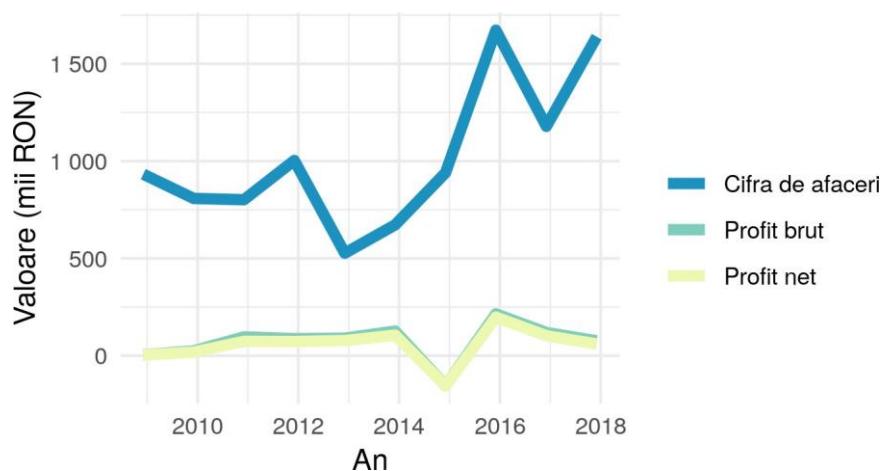


Figura 109: Cifra de afaceri, profitul brut si net: Tensor SRL

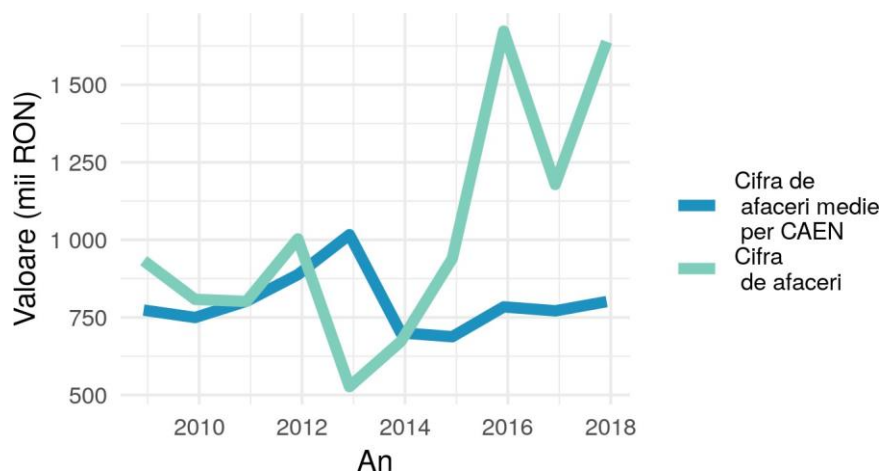


Figura 110: Cifra de afaceri medie a domeniului CAEN si a Tensor SRL

4.55 Top Geocart SRL

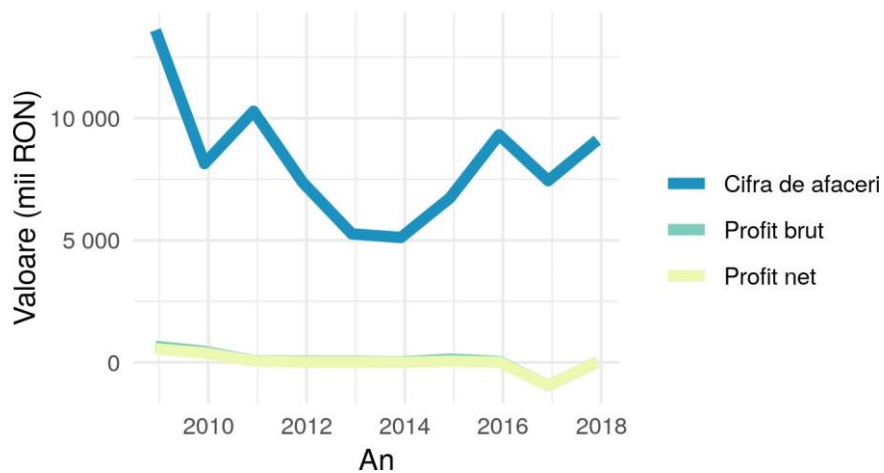


Figura 111: Cifra de afaceri, profitul brut si net: Top Geocart SRL

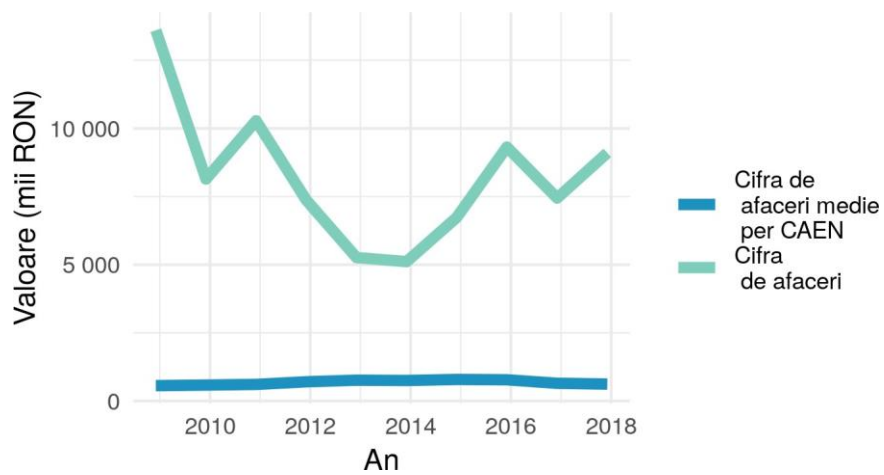


Figura 112: Cifra de afaceri medie a domeniului CAEN si a Top Geocart SRL

4.56 Vector Quality Group SRL

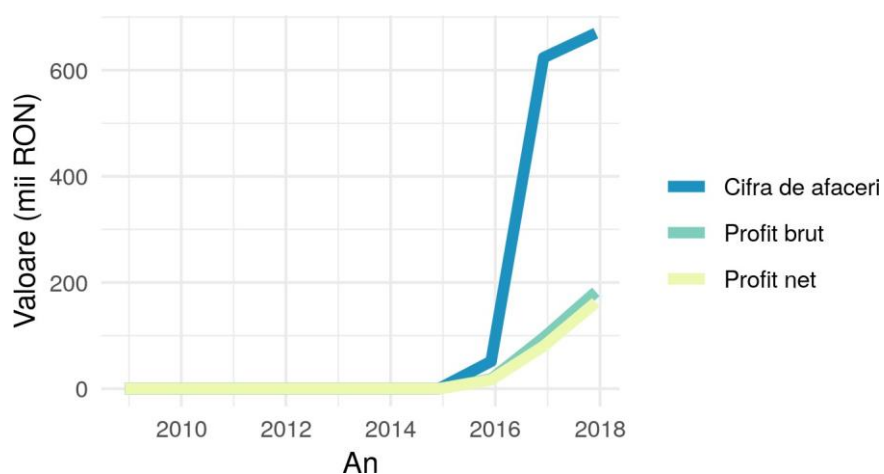


Figura 113: Cifra de afaceri, profitul brut si net: Vector Quality Group SRL

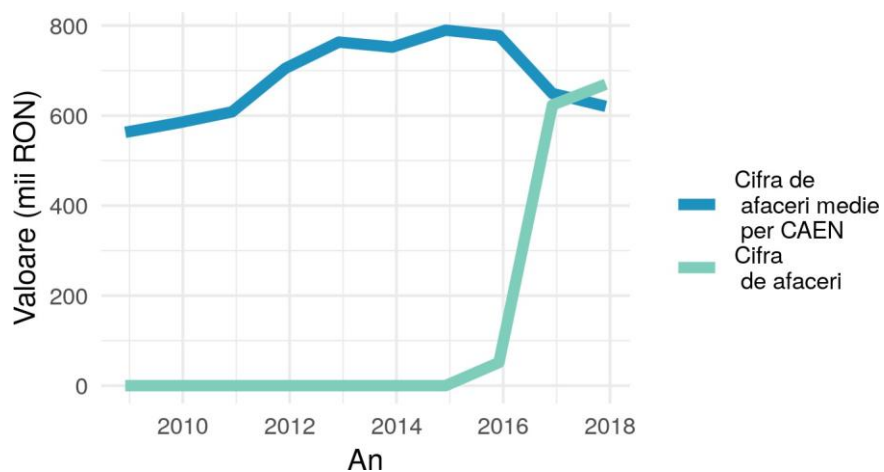


Figura 114: Cifra de afaceri medie a domeniului CAEN si a Vector Quality Group SRL