



Membership Application

ENoLL 12th Wave

1. Basic Facts

Pre-registration number	029
Living Lab short name	Ecopol Ecovillage
Living Lab full name (title)	Ecopol Living Lab for quality of life (in French "Labo Vivant Ecopol")
Host organisation name	Smala cluster of social enterprises
Host organisation VAT N°	NA
Host organisation type	Non Profit Association
Postal address	3 ecocenters: Lausanne (official), Grandvaux (HQ), Cheiry (rural site)
Post code	For correspondence : 1091
City	Grandvaux
Country	Switzerland
Telephone	+41763769776
Fax	NA
Web-site (URL)	www.smala.org (to be translated into English by July 2018)
Twitter	https://twitter.com/SmalaEcovillage
Facebook	https://www.facebook.com/smalaecovillage/
Other social media	https://www.instagram.com/smala_ecovillages/
Living Lab established [year]	1993

Living Lab manager / main contact

First name	Théo
Last name	Bondolfi
Title (Mr/Mrs/Ms)	Mr
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2. Membership Motivation

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- A. Higher impact regarding our grassroot-based eco-Living models and netizen-based open innovation approach.
- B. Larger deployment of our business models on social enterprises incubation within local economies.
- C. Concrete opportunities to build a living lab training center both at a local and national level.
- D. Find within ENOLL innovative ideas and speakers for the TEDxGeneva talks that we are organizing annually and network with ENOLL delegates, grassroot transitioners to sustainability.
- E. Empower and connect local actors with international social innovation initiatives and o present our visionary members to a larger audience.
- F. Get inspired, meet communities of shared values and act together.

We wish to take part in 2018 into the four following ENOLL expert groups : Á

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3. Summary in 200 words

DISRUPTIVE APPROACH : since 1993, Smala R&D team incubates the Ecopol ecosystem where fifteen to twenty-five people aged one to eighty-five (1-85) co-live or co-work: sociologists, economists, students, architects, doctors, educators, designers, entrepreneurs (see our [video presentations](#)). Their goal is to develop the Ecopol socio-economical contract, an intergenerational & intercultural dialogue with artists, micro-entrepreneurs, seniors, refugees, academic researchers and public officers.

RESULTS : forty (40) co-living pilots trials initiated by Ecopol in the last ten years. Since 2016 the cooperative is owning three constructable fields for long term experiments and managed two hundred (200+) collaborative projects (EUR 10 M private/public funds). Two (2) collective books on netizenship & social ecology published and eleven (11) TEDx conferences have been curated (110+) speakers.

NETWORKING CULTURE : Smala cluster is an active member of various inspiring networks Global Ecovillage Network, LTI Lab of HEG-GE (HES-SO University) and the Vaud Social Economy Chamber.

VISIONARY MEMBERS : more than fifty experts members including [Dr Richard Stallman](#) (co-founder of Free Software Movement), [Florence Devouard](#) (Wikimedia Foundation USA Chair from 2004 to 2011, vice-chair Yinternet.org), [Dr Jacques Vallée](#) (Internet initiator), [Dr Antanas Mockus](#) (Rector of the national University of Columbia and former Mayor of Bogotá (1995-2003)).

4. Organisation

We have organised the account of our experience in Living Lab operations in two areas : chronological participation to EU projects and our qualitative experience in designing “living” socio-economical pilots.

A - Chronological participation to EU projects consortiums within Private-Public Partnerships (mostly ERASMUS and LLP EU Strategic Partnerships: training, transfers of innovation, use cases, applied research)

[Key-Pal](#) (Socrates 2006-2008)- ePortfolio in professional integration programs. (2006).

[eCulture](#) (coordinator of this Interreg III A funds) - Contribution to the insertion of eCulture modules in higher education courses, transversally, with an open training area. (2006-2008).

[AFI-MAC](#) (Leonardo TOI) - Develop innovative forms of distance learning (eLearning) (2005-2006).

[ePortfolios & Digital Identity for cooperation & development](#) field research for Swiss Gov. (2007).

[eHospital](#) - Reinsertion of long-term hospitalized patients through internet trainings (2007-2009).

[TEAMECO](#) - Environmental standards into vocational training for eco construction jobs (2009-2011).

[SEIE](#) - A new system of social & professional integration for micro-entrepreneurs (2008-2010).

[ARIADNE](#) - Managerial guidance in social economy commitment, behaviour & motivation (2010-2012).

[TTAT](#) - Training Tools for Accessible Towns to avoid obstacles before construction work (2010-2012).

[INATER](#) - transition to ecoconstruction based on uses of natural material (2011-2012).

[Epicea Project](#) - The e-Portfolio for Insertion through Competencies and Skills. (2011).

[Rural Enter](#) - Capacity Building through ICT in Rural Areas. (2011-2012).

[EVA Project](#) - Electronic Validation Assessment for industry gaming-based learning (2012-2013).

[Wikinomics](#) & [Wikiskills](#) - Helping educators bring their public in using wikis and wiki-like tools for their learning and economical activities, as project leader of these 2 strategic partnerships, (2011-2015).

[SIRClE](#) - Social Innovation for Resilient Communities (training programmes 2014-2017).

B - Qualitative experience in designing “co-living” (Living Lab) socio-economical pilots

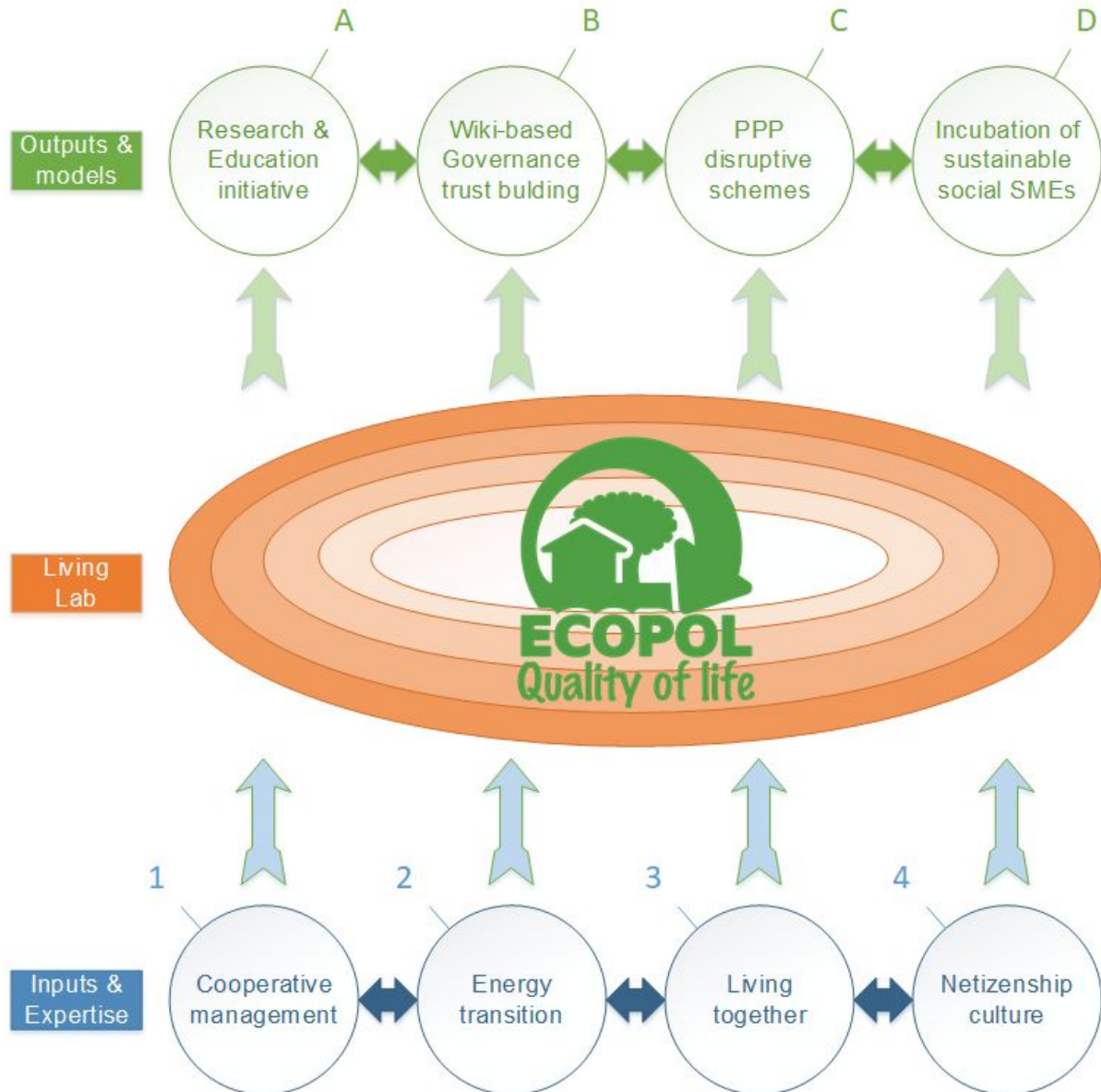
Smala has managed forty temporary communities of practices (duration 1-12 years), with a total almost two thousand (2'000) apartments/ateliers/rooms rented to SMEs, microentrepreneurs and individual, for a mix of co-living and cohousing, always with general services of Living Lab provided (coordination of experiences, incubating innovative initiatives with digital & socio-economical components), generally three to four places at the same time in region of Lausanne Switzerland, and thus could update rules at each new locations iteratively.

We can consider that Ecopol model is the sum of forty (40) living labs experience, each aiming at tackling the challenge of concretely living within a Living Lab thus attract as “users/experencers” not only fragile users but also strong profiles, with a planned high mixity of individual situation. One of our main conclusions of this experience is that it is very hard to change rules of functioning within already established communities of practices and develop co-housing and coworking practices. This is mainly due to the fact that such transition requires strong acceptance and collaboration of various users and practitioners.

During the [Get Online Week in Switzerland](#) (27th of March to the 2nd of April), Yinternet.org organised three cross generational [social media training events](#) with the participation of forty-five (45) people. The aim of this training was to help citizens to use social media as to participate in citizen driven initiatives and understand the challenges of their use. Moreover, Smala organises [summer camps](#) every year where trainees work in synergy with the cluster for the purpose of sensitization in a participatory environment. Such experience has lead to the following results in ten (10) years: More than one hundred and sixty (160+) trainees of whom thirty-four (34) have signed a permanent contract afterwards. Allowed to more than fifteen (15) juniors employees to make a brilliant international career

and gathered more than fifty-five (55) seniors who coach, advise and are referents for the employment of juniors.

We have synthesized below the specific know-how developed within Ecopols, and how we provide added value to the four (4) types of actors (Business, Civil Society, Public Admin, R&E). This also demonstrates the level of our multi-stakeholder partnerships.



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Report on the strength and maturity of your multi-stakeholder partnership (quadruple helix) :

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Overview of Smala Cluster organisation, its management and governance :

- A. [Smala](#) (association) coordinates the cluster, manages the innovation projects, since 1993.
 - B. [Bâtir Groupé](#) (cooperative) buys lands for its members and our Ecopol Living Lab, then builds and rent them to cohabitants & Coworkers.
 - C. [Yinternet.org](#) (not for profit Foundation), providing expertise & projects in netizenship & digital innovation since 1998.
 - D. [APTES](#) (association) for Promotion of Transdisciplinary and Social Entrepreneurship, the socio-professional inclusion branch of Smala Cluster, managing interns, employees & certification.
- Our basic governance (socio-economical contract & related structural aspects) :

- A. One project = one accountant (reduces the risk of bankruptcy while encourages solidarity)
- B. No ghettos : a planned mixity, between generations, cultures, professional backgrounds
- C. One single auditing entity, to manage the compatibility of the divers accounting and full alignment
- D. Autonomy as such organisation has its own Council and Scientific Committee and missions
- E. Deliver common services such as targeted focus groups, project studies, cross-comparison analysis, training opportunities (Summer Camps, Job trainings, Certificate of Advanced Studies) with public institutions delegates as quality managers and evaluators.
- F. Organise common open events, celebrations, rewards, on a merit-oriented approach

5. Openness

Smala cluster and its Ecopol Living Labs commitment to open innovation practices & accounts :

- A. Use of free license (mostly CC-BY-SA & GPL3) for all our pedagogical material.
- B. Co-living and co-working as a living proof of concrete highly open innovative environment.
- C. Large network of informal & formal local and regional partners dedicated to open innovation
- D. Open financial results record for our cooperative members and active co-workers,
- E. Participative governance with our four (4) groups of expertises (cooperative management, energy transition, living together, netizenship culture).

As how/to what extent your Living Lab respect and protect author's rights :

- A. We are aware of the stakes and legal rules of authors rights, respect privatizing of research results when necessary. We rarely use exclusive right licenses due to our policy on shared knowledge.
- B. One of our members is the co-founder of free licensing movement (Richard Stallman), where free culture and open innovation have emerged, and another one is Florence Devouard, who chaired one of the major open Innovation environments of our times (Wikipedia).

Report on the effectiveness of your Living Lab's communications and media usage :

- A. Media coverage (press, TV radio) : five to ten (5-10) releases per year, participation in press interviews, reviews and radio emissions.
- B. Websites: good content in French with open licences, English content in progress
- C. Videos: innovative pedagogical/promotional videos, sharing common values, methods and tools..
- D. Newsletter (monthly): four thousand, five hundred (4'500) followers, high open rate (over 30%) for each newsletter
- E. Legacy growth at a rate of about 10% per year (within the last three (3) years) from private stakeholders, due to promotion in events, fairs & conferences.

6. Resources

General review of the availability of appropriate equipment and/or infrastructure :

- A. Our cooperative owns of three (3) constructable fields where Ecopol Living Lab are built, developed and animated with a large portfolio of local/global projects. Our headquarters is situated in Lavaux UNESCO Patrimony, for a total value of more than six million (6+ mio) euros.
 - B. Coworking equipment with various specific tools for our target audiences, both physicals and virtuals.
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Effectiveness of our Living Lab business model (sustainability) :

- A. Twenty five (25) years of financial autonomy, with 25-50% public funds, the rest coming from private investors.
- B - One project = one responsible, ensuring limited risk of bankruptcy based on a single project failure.
- C - High financial resiliency, with low administrative non-compressible costs.
- D - Sustainable team, most of executive seniors working from more than five (5+) years together.

Details of our Living Labs ability to access funding :

- A. **INTERNATIONAL funds** over twenty (20+) EU projects funding within the last twelve (12) years (LLP Leonardo Transfer of Innovation, LLP Socrates, INTERREG, ERASMUS KA3 ICT), mostly with Swiss contribution, out of which three (3) as EU project coordinator (in KA3 Erasmus ICT innovation framework, our internet branch Yinternet.org was even the only CH organisation leading ever, with [Wikiskills project](#)), and in INTERREG. Various ICT-R&D projects (FP7 & H2020) submitted.
- B. **NATIONAL public funds** on a case per case basis (call for national projects and grant request from various foundations), with at least four funding of twenty thousand euros (20'000 €) to one hundred and twenty thousand euros (120'000 €) each year on the last ten (10) years.
- C. **PRIVATE investment** via our public interest real estate cooperative named Bâtir Groupé (incubated and serving Smala), over one hundred (100+) members, providing basics for building and exploiting Ecopol Living Labs.
- D. **VOLUNTEERING** ~30% of our budget from seniors & interns providing high added-value without charging for their contributions (ex. : organisation of TEDxGeneva talks twice a years, on a voluntary basis).
- E. **PUBLICATION** of two (2) collective books ([Ecopol & Citoyens du Net](#)), showing our ability to bring high added value, and generating trust for both public and private partners for funding.

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Availability of appropriate and qualified staff, as medium average (m.a.) :

- A. **SENIORS**: Ten (10) masters/doctorate seniors executive experts with more than fifteen (15+) years experiences employed part or full time or invoicing as inhouse consultant.
R&D head & co-director: **Athanasios Priftis**, born in 1975, former EU delegation coordinator for World Summit on Information Society, expert in open Governance.
CFO : **Eric Schiffer**, former Pictet private Banking proxy, expert in treasury and trust management.
Imagination & executive co-director : **Théo Bondolfi**.
- B. **twenty (20) innovative microentrepreneurs**, co-working as partners of Smala, providing novel business models for the entire Ecopol LL ecosystem, and maintaining a high level of open innovation.
- C. **Forty to fifty (40-50) experts** formally members of our various curatoriums, from academics, government/elected officials, public institutions, major NGOs, SMEs, bringing access to decision makers and quality management for high efficiency and sustainability of our funding structure.
- D. **Eight to ten (8-10) interns** at a time, graduated with a bachelor or master degree, in quest of meaningful work environment, following a thousand (1'000) hours (six months full time) lifelong learning programme dedicated to empower their **social entrepreneurship & soft skills**.

7. Users and Reality

Use of appropriate methods for user engagement :

- A. Our management is significantly modelized and aiming at generating trust for newcomers to engage. It includes a permanent culture of wiki-based updating (rules, frameworks):
 - forms for the entire administrative infrastructure and project management methods.
 - the [social contract](#) to gather cohabitants within the Living Lab.
 - project managements flows with good managers of the Communities of Practices (CoP) to make sure information workflow is facilitating and not complicating the daily life of the engaged persons.
 - a cardset concept based on wikiculture and iterative processes, applied for partly or fully unexpected situation (representing 20-50% of our days), in which each situation requires the ability to firstly identify the complexity of challenges and secondly provide a temporary reaction, only if that reaction was well received (see our [WikiSkills Handbook](#), an Open Educational Resource)

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B. Our interns benefit from a vast set of integration tools and dispositives, allowing them to choose which ones they plan to test, adopt, adapt, empower and reconstitute to the Ecopol community, where part of the users live inside and are de facto included in the co-creation processes. This is a mixity that is voluntarily planned. The Living Lab open innovation environment who is by essence **deep and diverse regarding user sessions, as well as the engagement goals and challenges.**

Concreteness and reality of usage contexts :^À

A. **Shared working spaces**, with usages, conflict prevention/management, multi uses, thus answering the key challenge of applied functional economy within shared spaces, and with five to ten (5-10) seniors presents daily to coordinate and monitor the ongoing open innovation projects with the contribution of the interns and micro-entrepreneurs, on a case to case basis.

B. **Collaborative online environments** (see our [WikiSkills Handbook](#)), being used as examples within public and private organisations, including permanent monitoring of effectiveness of use, checklists, micro-training, updating the governance rules and ethics within digital practices.

C. **Ten (10) permanent low-tech** experimentation labs in our Ecopol Living Lab headquarters of Grandvaux (within the amazing Lavaux UNESCO Patrimony vineyard touristic region between Lausanne & Montreux), being visited by over two thousand (2'000) local and international visitors yearly, at very low pricing (ten to thirty (10-30) euros for four (4) hours visit with micro-training, conference), including labs such as: a) **eco construction** demos and experiment, b) **organic food** production & distribution ecosystems (how to manage them within a community of practices/interest, c) **pedagogical participative vegetable garden** with **permaculture** methods, d) conflict prevention & management, with a large set of methods. See also [this TEDx talk](#) Smala produced on conflict resolution. e) **Netizenship diagnostic** bringing added value to civil society various beneficiaries.

D. **Services on demand**, tools to assess and empower transdisciplinary (soft) skills, identify the potential of added value of new proposed experiences/projects in a weekly basis.^À

Our Living Lab adopts user-driven service design methods via :

A. **Bottom-up approach** based on identifying needs & practices **in real context from the first phase on**, with all the range of concerned participant in each project/initiative ecosystem (services providers, final users and investors) to transform them (needs & practices) into replicable models, via workshops to recognize patterns & innovation vectors, concept making, tests, via wiki-based formalization and updates of procedures.

B. **Tools for sustainable trust/implication** of cohabitants and/or interns (final users daily present in the Living Lab) to be part of a "living" Living Lab with first a monthly session of [Community Viability Assessment](#), based on the [Global Ecovillage Network](#) tools we adapted and empowered significantly via the socio-economical global [Ecopol contract](#), and secondly a large set of unusual opportunities such as **vehicles in free access, free meals daily**, hosting for friends, priority of access to events rooms and SPA, free computer training and maintenance service.

C. **Individual responsibility**, based on our principle of functioning $F_A : [B \& A M F A \wedge \bullet] [] \bullet \tilde{a} \wedge \tilde{E}$ avoiding dilution of accountability/responsibility and lack of impact.

D. **Modularizing projects** in an organic way, with tasks, roles, links and synergies with other efforts for a quick and clear decision making process.

E. **Significant effort investment** on coaching interns, re-prioritizing, studying opportunities for the community.

When assessing the quality of user driven innovation methods & tools used, considering Ecopol mostly uses agile/iterative methods, it generates quality results :

A. **Strengths**: high adaptability, resilience, significant (re)conciliation between several profiles and entities (persons, organisations, projects), experimentation spirit bringing a larger understanding of innovatives Communities of Practices.

B. **Weaknesses**: high expectations of specialists involved punctually, low incomes, difficulty to be understood by our local environment.

C. **Opportunities**: high level of deployability at large scale of our novel tested business models & tools, significant reduction of costs for a good quality of life, large access to open lifelong learning programmes for a large set of beneficiaires.

D. **Threats**: lack of understanding of newcomers at initial steps, some emotional conflicts between needs of controlling the processes (by cohabitants, coworkers, leaders, interns), difficulty to accept uncertainty and manage the transition from a formal top-down "cathedral" hierarchy to an informal "bazaar" managing environment.

8. Assessing Ecopol Living Lab Value

Overviewing the values co-created during innovation processes, we can share that :

- A. **Users being physically on site**, we have direct feedback on added value, weekly, including with significant expression of (in)satisfaction (ticketing and request of changes in real condition).
- B. **The Ecopol ecosystem** could become an incubator of several co-living models.
- C. **External (customers, partners)** express high appreciation of being able to meet users while visiting, questioning habits, formalizing use cases, imagining adaptation of our models to their needs
- D. **Currently (2018)** there are as much **funds invested by externals** to study Ecopol socio-economical models of coliving/cohabiting as high source of inspirations (in opposition of the old model of “distant” studies), **as they are funds generated from our services** providing on real-life use case-based solution providing (focus groups, visits of groups, EU projects). These external funds come from various sources estimating the high added value of the Living Lab. For example an independent documentary film-maker (which won a Golden award, Leopard d’or, in Locarno Film Festival) is following for two (2) years the seniors living in Ecopol Living Lab, trying to show the evolution of their experience in adopting the co-living & co-working model of Ecopol.
- E. We **refuse interviews transforming Ecopol co-livers into a “reality show”** phenomenon, and thus keep both intimacy and authenticity of space.
- F. **The content and models we share** are updated, reused, adapted, at a national and international level, published often under a CC-BY-SA licence.Á

Visibility of benefits provided to the Living Lab stakeholders:

- A. **Cohabitants** are learning while living, becoming pioneers of new ways of living.
- B. **Interns and visitors** are gaining concrete experiences in recycling, eating organic food, sharing open internal web and communication tools.
- C. **Seniors, executives and micro-entrepreneurs** have an opportunity to generate income while being recognised as makers of concrete social innovations (news methods of eco-constructions, new models for non-profit real-estate participative cooperative).

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As we have been putting life cycle approach that values environmental, social and economic impacts in the heart Ecopol’s motto/vision/practices, we can say that our practices aim to:

- A. **Be aligned** with ecological values.
- B. **Demonstrate** a progressive improvement that puts our Living Lab in some kind of a leading position regarding complexity managing of sustainable living together challenges (aka: social ecology challenges).
- C. **Generate** lots of attention from medias, visitors, but less from public administration.
- D. **Require a permanent update** of our know-how thus humility, permanent observation, celebration, acceptance of a condition of low financial income and high quality of life)

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The coverage of value chain (different roles of the ecosystem) is, highly self sufficient and autonomous:

- A - **Inhabitant** (co”livers”) contribute in both renting and giving feedback and time, while benefiting of more than just an apartment : free services (meals, celebrations, co-working, polyvalent large spaces for their private activities, encountering inspiring people and local “stars” weekly).
- B - **Interns** can learn social innovation methods into a meaning real-life environment, while helping inhabitant in their concrete needs.
- C - **Executive leaders, micro-entrepreneurs experts** can access to a { æ\ ^c\ }|æ& of mutualized resources (human, equipment, network, new mandates).
- E - **Customers and external partners** can access to a real-time experiment of co-living, to adopt/adapt their best practices and avoid making mistakes for their own projects, in our 4 main fields of expertise : energy transition, cooperative real-estate, living together, netizenship) and in their context (revitalizing cultural heritage, bringing meaningful event for medium and large companies, organise workshops on ecovillage living).

9. Direction and Plans for the Future : Ecolop strategy 2025

After having experienced more than forty (40) temporary Ecolop sites, our cluster have both land (2013), built and delivered keys (2016-2017) for a sustainable Ecolop living lab. During 2016-2017 we designed a clear strategy of [deployment of Ecolop methods for 2025 \(see pages 6-13\)](#) including :

- A. Upscaling the dynamic, to reinforce the cooperation with public institutions and corporations.
- B. Autonomizing locations (Cheiry, Grandvaux) with the same headquarters (direction).
- C. Empowering and enlarging the pool of executive leaders.
- D. Documenting and publishing a second volume of our Ecolop book, dedicated to operational aspects on how to incubate and bring to sustainable autonomy in Ecolop-alike ecovillages.
- E. Keeping the humanist dimension of the Ecolop ecosystem and its related Living Lab.

1 image = 1000 words [Watch our videos here](#)



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