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# AAL Programme: Safety of Elderly People and Vicinity Ensuring "SAVE"

# Deliverable: D.4.1 Report Business Base Assessment and Opportunity Analysis

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**WP4 Leader: Ikontent** 

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# 1. Deliverable summary

This deliverable collects and summarizes the most important steps were taken by Consortium members on how the results of SAVE will benefit them and beyond the project. Further goal of the **Business Assessment And Opportunity Analysis** is to discover the existing services on the elderly care market. Another goal of this research is to find the position of SAVE's future product between the competitors in Romania, Italy and Hungary.

# 2. Objectives

The ultimate aim of this deliverable is to gather the individual concepts of partners regarding the business opportunities inherited in the foreground of the SAVE project. The main objective of this task was to prepare the groundwork for further exploitation of the results. The information gathered by the partners in this task, through a thorough and periodic market watch will be used to prepare the future business plan.

# 3. Business assessment and opportunities analysis

#### 3.1 Background information

The intermediate BUSINESS PLAN intends to make clear how the partners, both as a consortium and as individual organizations, intend to use and disseminate the results of the work. The initial scope, planned measures and the time scale for dissemination and transfer of the technology to other organizations are included in WP4 Business Exploitation.

#### **Company Description**

| Business Name                    | SAVE – AAL spin-off company – not yet funded   |
|----------------------------------|--|
| Company Mission<br>Statement     | Using a holistic approach SAVE – AAL wish to create a highly automated telemedicine/alerting system that covers most of the needs of the elderly peoples often live with dementia.   |
| Company<br>Philosophy/<br>Values | Go beyond care: Supporting people's changing needs—social, emotional, housing, and more—as they age and meeting them in the places they spend most of their lives (their homes, communities, work, retail settings) will likely be critical as companies shift to focus on |
| Company Vision                   | SAVE – AAL's vision is to create a financially sustainable, still inclusive service for high number of individuals of the ageing society, thus improving their life-quality.   |

| Goals &<br>Milestones         | <ol> <li>Defining the services.</li> <li>Development and testing/piloting</li> <li>Creating a distribution system</li> </ol>  |
|-------------------------------|---|
| Target Market                 | Primary: Home caregivers, Caring Homes, Family Members, End Users<br>Secondary: Technology Service Providers (Mobile Phone, Internet, Smart<br>Home)<br>Tertiary: Healthcare Systems, Insurance Companies   |
| Industry/<br>Competitors      | A system built on sustaining well-being rather than treating disease could lead to changes in the solutions that companies bring to the market. Business models built around the assumption that costs will rise as people age may not survive this transition. Leading companies should have a strategy for devising new solutions to meet these changing needs. |
| Legal Structure/<br>Ownership | The SAVE – ALL spin-off company is planned to be funded by the end of the 36 month-long program. Ownership details are the subject of future negotiations of the members of the consortia. The legal structure will be a for-profit private company.  |

#### 3.2 CANVAS business models for SAVE

A Business Model has been developed to describe how the product service will create, deliver and capture the value of the innovation and will consider the market, economic, social, and other contextual factors across Europe.

The preliminary title for this goals are the SAVE infrastructure system and the SAVE training and distribution network.

The SAVE infrastructure system (SAVE-IS) encompasses multiple active and passive user interfaces like terminals and sensors, combined with a processing unit, allowing analysis and support of the elderly end-users.

The SAVE training and distribution network (SAVE-TDN, see below) is the set of external partners who initiate business and provide first level support.

| Key partners  | Key activities   | Value propo  | sitions   | Customer relationship  | Customer segments |                  |                                  |
|---|--|--|---|--|-------------------|------------------|----------------------------------|
| SAVE-TDN<br>Partners of the<br>SAVE project<br>Hardware<br>distributors Public  | solutions.<br>(Re-)Evaluation of the<br>system with potential  | management and self- reliability of the elderly lousers Information for quality assurance and improvement of care Indicators for the assessment of the user's health status. |   | management and self-<br>reliability of the elderly<br>users<br>Information for quality<br>assurance and<br>improvement of care |                   | level support if | Elderly end-<br>users Caregivers |
| security partners   | Key resources  |  |   | Channels   |                   |                  |                                  |
|   | SAVE solutions developed in the project. Resources of business partner for the first 24mo Access to end-users via care-giving partners |  |   | SAVE-TDN<br>Awareness:<br>Conferences, fairs,<br>online marketing  |                   |                  |                                  |
| Cost structure  |  |  | Revenue st  | treams   |                   |                  |                                  |
| Investment for 1,650 installations: Hardware: EUR 2,475,000<br>SAVE-TDN: EUR 618,750<br>Running cost per year for 1,650 installations:  |  |  | One-time investment: EUR 1,875 (net) Monthly subscription: EUR 25 (net) ROI: 1,650 installations, planned after 24 months (Regional pricing will be considered) |  | ter 24 months     |                  |                                  |
| Total personnel costs: EUR 388,000 SAVE-TDN: EUR 99,000 Budget for evaluation expenses and additional marketing efforts: EUR 19,000 SAVE infrastructure system (SAVE-IS) Business Mod |  | onal   | Canvas Ma   | v 26th 2018  |                   |                  |                                  |

The SAVE training and distribution network (SAVE-TDN) aims at caregivers, care-centres, general practitioners (GP), volunteer associations, resellers, tradespersons and private experts who initiate new business and provide first level support.

| Key partners   | Key activities  | Value propositions   | Customer<br>relationships   | Customer<br>segments |  |  |
|--|---|--|---|----------------------|--|--|
| IKONTENT: Hungarian regional distribution partner Labidee: Italian regional distribution partner VS: Romanian regional distribution partner EVA+IKONTENT: Platform provider, billing, contract management, online training | Training and education Accounting services Contract services  Key resources           | net-turnover Reselling a trustworthy, well- maintained product Collective marketing efforts Second level support  Passive income | Direct personal contact with the regional distribution partners Informatio, training and events  Channels  EVA+IKONTENT | Professional         |  |  |
|  | plattform solution<br>Legal experts<br>Accounting experts                             | services   | platform solution<br>for distribution<br>networks.<br>Second level<br>support<br>Monthly newsletter                     |                      |  |  |
| Cost structure   |   | Revenue streams  |   |                      |  |  |
| paid to the distributors in a suitable manner,<br>this also includes monthly subscription<br>(=passive income).<br>All monetary costs have to be covered by<br>SAVE-IS sales and subscriptions and are<br>included there.  |   | The SAVE-TDN is responsible for generating the SAVE-IS turnover and also provides first level support and training of end-users. |   |                      |  |  |
| SAVE training and distr  | SAVE training and distribution network (SAVE-TDN) Business Model Canvas May 26th 2018 |  |   |                      |  |  |

# 3.3 SWOT Analysis

|                                 | Strengths  | Weaknesses   | Opportunities  | Threats  |
|---------------------------------|--|--|--|--|
| Product/<br>Service<br>Offering | Flexible,<br>expandable<br>system                  | Long go-to-<br>market time   | Apply of the latest trending technologies                          | No first-mover<br>benefit                            |
| Brand/<br>Marketing             | Understandable services Easy targeting             | Low marketing<br>budget  | Opening to caring homes / public healthcare systems                | Slower<br>dissemination                              |
| Staff/HR                        | International<br>team with wide<br>range of skills | Physical distance of the participants  | More countries<br>means larger<br>market reach                     | Insufficient / slow communication                    |
| Finance                         | SAVE is financed<br>by the EC's AAL<br>Programme   | <ul><li>No revenue in<br/>the first 24<br/>months</li><li>Pilot budget</li></ul> | Involving Venture Capital / Local grants of different stakeholders | First revenue<br>comes later than<br>planned         |
| Operations/<br>Management       | Experience in grant management                     | Physical distance of the participants  | Departments<br>has wider<br>independency                           | Insufficient / slow communication                    |
| Market                          | Continuously<br>growing number<br>of end users     | Low purchasing power of the elderly in the Eastern European region               | Generic<br>longevity<br>means longer<br>service<br>subscription    | General<br>technology non-<br>use of older<br>people |

Can any of your strengths help with improving your weaknesses or combating your threats? If so, please describe how below.

Most of the threats can be mitigated with efficient project management.

Based on the information above, what are your immediate goals/next steps?

- Project dissemination towards stakeholders must be start already in this early stage.
- Pre-contracting

# 4. Exploitation Agreement

Participants of the SAVE consortium intend to manage IPR ownership and user rights among themselves in their own best interest. Ownership and protection of information and IP will be adequately protected.

Core IPR related issues will be managed as follows:

End-user/Patents: Each new patent developed under the project will be disseminated to the partners. The access to intellectual property rights will be discussed during the meetings of the Project Management Board (PMB). Patents resulting from common foreground of the project will conduct to common patents.

Management of IPRs and knowledge: IPR issues and knowledge sharing will be managed by the PMB, supported by an appointed Project IPR manager, in line with the guidelines and processes defined by the EC, the IPR helpdesk, and other bodies. The PMB and the IPR manager will provide recommendations to improve the processes or to solve concrete problems linked to e.g. use of knowledge, IPR and access rights. If necessary, other project participants will also participate in IPR related interventions through small ad-hoc IPR working group. Finally, IPR exploitation will be considered in detail by the business plan developed by the end of the project.

#### 5. The market of SAVE

#### 5.1 The product

The SAVE system is an incorporated solution that main goal is to support end-users in staying in their familiar surroundings for as long as possible, while still be safe and optimally cared for. Secondarily SAVE supports informal caregivers, like relatives, in providing optimal care for their wards, while maintaining their professional and private life. Additionally, SAVE enables professional care-givers in the development of an optimal support planning and achievement, involving also volunteering associations.

The target market for these technical innovations are: (i) elderly people, age-related chronic illness, people with mild dementia or with disability, and other impairments, (ii) informal caregivers, like family members; (iii) formal caregivers, social-care organisations, nursing homes and volunteer organisations

#### **Product and Service Description**

| Business Name            | SAVE – AAL spin-off company   |
|--------------------------|---|
| Product/ Service<br>Idea | SAVE – AAL System is a highly automated telemedicine/alerting system that covers most of the needs of the elderly peoples often live with dementia. |

| Special Benefits/<br>Unique Features     | SAVE – AAL System is the integration of existing components that are available on the market. The systems flexibility allows the easy integration of the trending / upcoming new technologies.  |
|--|---|
| Production and Delivery                  | The SAVE – AAL System is the integration of off-the-shelf hardware components and the proprietary software of the consortia. Delivery of the final system is scheduled by the end of the 36 AAL Programme.  |
| Suppliers                                | OEMs (Original Equipment Manufacturers) of hardware and sensor components Telecommunication Service Providers Cloud Server Infrastructure Providers   |
| Intellectual Property<br>Special Permits | The resulting IPs of the development will be the property of the members of the consortia.  |
| Product/<br>Service Description          | In this phase of the project the service list is not closed. A large number of possible services will be evaluated. Such services could be: Personal Emergency Response Systems, Fall Detection, Life Function Monitoring, Health Data Handling, Monitoring and Motivating Activity of Daily Living, Wander Prevention, Environmental Monitoring (Temperature, Smoke, Water Leaking), Medication Management, Lost Item Tracking, Mobility and Micro-mobility, and Care Worker Safety. |

# 5.2 Market analysis

In the European Union about 10 millions elderly suffer from mild cognitive impairment (MCI), these people and their next of kin require adequate support during daily activities. The technical solutions in SAVE will be selected to ease the tasks involved in caregiving, improve the quality of care and most importantly support self-reliability of elderly.

In 2016 Europe (EU 28) 30,337,149 elderly over 65 lived in a single household. About 20% or 6,000,000 of these suffer from mild cognitive impairment (MCI) and could greatly benefit from SAVE solutions and are thus considered the primary target group for this analysis. The most comparable market is the smart home market where the household penetration in Europe is 9.4% and is expected to hit 21.7% in 2022. Assuming an uniform distribution only 1,302,000 of the 6,000,000 are already supplied with smart home solutions in 2022. We have 4,698,000 potential customers just in the primary target group up to this analysis.

The target market for these technical innovations are: (i) elderly people, age-related chronic illness, people with mild dementia or with disability, and other impairments, (ii) informal caregivers, like family members; (iii) formal caregivers, social-care organisations, nursing homes and volunteer organisations. The technical innovation will become a supportive part of the individual's life

optimising caregiving resources and preserving as much as possible the familiar environment in which the end-user can exercise his autonomy and self-management.

A thorough understanding of the existing and emerging competition is key to the successful development and positioning of innovative products. These will be an integral part of the business plan for SAVE that will take into consideration: the numerous similar products and services competing on the market; their specific characteristics, stage of development and market penetration in comparison to SAVE; new competitors emerging during the course of the project; scalability being the key deficiency. A first release of SAVE products is expected to reach the market shortly after project closure. Envisaged cooperation between the industry partners and contributors will be defined along project implementation. Licensing agreements are foreseen to allow for the integration of technologies into the joint system that are protected by IPR or forming the background knowledge of some of the partners.

#### 5.4 Market Objectives

The market segmentation for the SAVE products is the following:

Primary target groups - end-users (elderly and/or with mild dementia and/or with disabilities) and caregivers (at the family and volunteering level)

Secondary target groups - companies (solution providers and dealers)

Tertiary target groups - social / municipal organizations and community centres (caregivers at institutional level)

Primary end-users are 65+ elderly persons possibly suffering from mild dementia and/or with disabilities, whereas secondary end-users mostly include formal and informal caregivers (family and volunteering). It is to be stressed that the spectrum of needs of such users is evidently too broad to be realistically taken care of in its entirety within the framework of this project. This, on the one hand, implies that SAVE services will address a specific segment only within the larger picture, focusing on smart monitoring and caregiver support. On the other hand, it emphasizes further the need of framing the SAVE vision within a wider, holistic perspective, matching the overall social and health care strategies. Stakeholders' role is hence to firmly hook the SAVE design at actual needs and features of social and health care systems and to look after pertinence and sustainability of the proposed solution. Stakeholders representing different view angles are hence involved, including private care providers, public social services, end- users organizations, medical and nursing researchers, family members. Even the user-profile is quite broad, and we define strict inclusion and exclusion criteria for making the proposal value more perceivable, as depicted below.

The project addresses almost-fit elderly people (both genders), suffering from moderate medical conditions or moderate impairments (movements; memory; communicating; hearing; mental health; social relationship) dealing with (or being at risk of) age-related issues, including frailty, mild mental health ailments and cognitive decline living alone and home dealing with intermediary prevention of institutionalization.

# 6. The competitors of SAVE

While big players like Amazon arrived in the smart home market for regular consumers, in the smart health segment of smart homes start-up companies yet dominate the market. Thus we have multiple

competitors, or even potential partners, without the reach to displace the SAVE partnership before it enters the market.

We made a detailed competitor analysis in the participants' countries of the SAVE consortia.

#### **6.1 Italy**

We identified and evaluated two major competitors who offer their elderly care services in Italy.

**Levstone** is a UK company who offers a smartphone app that offers helps elderly people to keep their independence by offering self-care, prevention and alerting services.

http://levstone.com/

https://play.google.com/store/apps/details?id=com.levstone.mobility.trustedelderlycare

**Doro** is an Italian company who offers elderly friendly smart, and household phones and 24/7 assistance to their users via their "alarm centers" with a qualified health personnel.

www.doro.com

#### **Competitor Data Collection - Italy**

|                    | SAVE<br>AAL  | Levstone  | Doro  |
|--------------------|--|---|---|
| Price              | Not yet<br>available                                   | 1,69 € - 5,99 € for item                          | From199,99 to 229,99 all inclusive telephone and services   |
| Benefits/Features  | Wider range of<br>services than<br>competitors<br>have | App no ADS.<br>Multisensory<br>technology.        | The first purpose is to simplify the use of the smartphone for elder.  Moreover, help service and remote assistance with the app. |
| Size/profitability | Competitive pricing                                    | The app is free, purchases in the app             | Services included in the price of the telephone   |
| Market strategy    | Marketing via institutions and insurance companies.    | Only responses to customer reviews on Google Play | Site, e-mail, Youtube, social media, telephone, Amazon, physical stores.  |

# Competitive Analysis Worksheet - Italy

| FACTOR                | SAVE<br>AAL | Levstone | Doro | Importance to<br>Customer |
|-----------------------|-------------|----------|------|---------------------------|
| Products              | S           | S        | W    | 1                         |
| Price                 | S           | S        | S    | 3                         |
| Quality               | S           | S        | S    | 2                         |
| Selection             | S           | W        | W    | 3                         |
| Service               | S           | w        | S    | 1                         |
| Reliability           | S           | S        | S    | 1                         |
| Stability             | W           | S        | S    | 2                         |
| Expertise             | S           | S        | S    | 3                         |
| Company<br>Reputation | W           | S        | S    | 3                         |
| Location              | S           | w        | W    | 5                         |
| Appearance            | S           | S        | S    | 3                         |
| Sales Method          | W           | S        | S    | 1                         |
| Credit Policies       | N/A         | W        | S    | 1                         |
| Advertising           | W           | W        | S    | 2                         |
| Image                 | S           | S        | S    | 2                         |

#### 6.2 Romania

We identified and evaluated three major competitors who offer their elderly care services in Romania.

**Butonul Rosu** offers elderly friendly smart devices and alarm services with a simply to use "Red Button".

https://butonulrosu.ro/

**Telekom's** Smart Home solutions provide a complete ecosystem for home monitoring and control, remotely. They also offer a solution that allows to locate patients in the hospital, with the help of bracelets, which are equipped with a panic button in case of emergencies.

https://www.telekom.ro/business/sanatate/

**TELEASIS** scope is to develop a model for medical and social telecare, effective regarding the cost, also the innovative info-communications technologies and the devices that allow to achieve this. Their unified health services system offers:

- Private management of lifestyle for elders, implicitly the health/illness.
- Increasing the sense of responsibility of the beneficiary for this services relating to their own health (conformity)
- The improvement of lifestyle quality, implicitly the chronic illness treatment
- Increasing the operation's efficiency in the care institutions, in medical or social terms
- The improvement of the professional activity of the audience at home
- Constant communication between participants and mobile devices.

https://teleasis.ro/

#### **Competitor Data Collection - Romania**

|                   | SAVE<br>AAL   | Butonul<br>Rosu                            | T+Sanatate                            | Teleasis                               |
|-------------------|---|--|---------------------------------------|--|
| Price             | Not yet<br>available                                      | 10 USD/<br>month                           | N/A                                   | N/A                                    |
| Benefits/Features | Wider range<br>of services<br>than<br>competitors<br>have | SOS<br>GPS<br>location<br>Advanced<br>care | Telemedicine<br>and tele<br>emergency | Advanced home care givers telemedicine |

| Size/profitability | Competitive pricing                                | N/A                                     | Country size,<br>online<br>platform            | N/A           |
|--------------------|--|---|--|---------------|
| Market strategy    | Markting via institutions and insurance companies. | Online<br>stores<br>Personal<br>website | "No place like<br>home"<br>Personal<br>website | Presentations |

# Competitive Analysis Worksheet - Romania

| FACTOR             | SAVE<br>AAL | <b>Butonul Rosu</b> | T+Sanatate | Teleasis | Importance<br>to Customer |
|--------------------|-------------|---------------------|------------|----------|---------------------------|
| Products           | 5           | 5                   | 2          | 1        | 1                         |
| Price              | N/A         | 5                   | N/A        | N/A      | 3                         |
| Quality            | 5           | 5                   | 5          | 1        | 2                         |
| Selection          | 3           | 4                   | 2          | 1        | 3                         |
| Service            | S           | 3                   | 2          | 1        | 1                         |
| Reliability        | 5           | 5                   | 5          | 1        | 1                         |
| Stability          | 2           | 2                   | 2          | 1        | 2                         |
| Expertise          | 5           | 3                   | 2          | 1        | 3                         |
| Company Reputation | 2           | 1                   | 5          | 1        | 3                         |
| Location           | 5           | 4                   | 4          | 1        | 5                         |
| Appearance         | 5           | 5                   | 3          | 1        | 3                         |
| Sales Method       | 2           | 5                   | 1          | 1        | 1                         |
| Credit Policies    | N/A         | N/A                 | N/A        | N/A      | 1                         |

| FACTOR      | SAVE<br>AAL | <b>Butonul Rosu</b> | T+Sanatate | Teleasis | Importance to Customer |
|-------------|-------------|---------------------|------------|----------|------------------------|
| Advertising | 2           | 5                   | 1          | 1        | 2                      |
| Image       | 4           | 5                   | 1          | 1        | 2                      |

## 6.3 Hungary

We identified and evaluated three major competitors who offer their elderly care services in Hungary.

**Vodafone with Private Sentinel (Prodexp Ltd.)** offers a so called "Senior Smart Watch" and alarm services with an easy-to-use alarm button. Main functionalities are:

- Voice calls
- Location services
- Pulse and blood-pressure measurement
- SOS notifications
- Perimeter watching
- Step counter

https://www.vodafone.hu/mobiltarifak/family/senior-okosora

**National Ambulance Service (with Vodafone Foundation)** offer theirs' "Life Saver Application". It also shows locations of the pharmacies, hospitals, and defibrillators. The Life Saver Application calls are classic emergency calls, but as soon as you receive a call, a digital data packet will be visible at the receiver. The application is available for free to the customers of all Hungarian mobile service providers.

https://play.google.com/store/apps/details?id=hu.mentok.eletmento&hl=en

**SOS** Centre Ltd. offers a very simple and easy to use portable device that has only one button. Despite its' simplicity the device offers a variety of services:

- Voice calls
- Location services
- SOS notifications
- Perimeter watching
- Fall detection

https://www.soskozpont.hu/seni-guard-keszuelek

# **Competitor Data Collection – Hungary**

|                    | SAVE<br>AAL   | Vodafone<br>+PS                            | National<br>Ambulance                 | SOS Centre                                 |
|--------------------|---|--|---------------------------------------|--|
| Price              | Not yet<br>available                                      | 8 EUR/<br>month                            | Free app<br>(needs a<br>smartphone)   | 137 EUR/<br>device plus<br>13 EUR / month  |
| Benefits/Features  | Wider range<br>of services<br>than<br>competitors<br>have | SOS<br>GPS<br>location<br>Advanced<br>care | Telemedicine<br>and tele<br>emergency | Very easy to understand usage and services |
| Size/profitability | Country size, online platform                             | Country<br>size, online<br>platform        | Country size, online platform         | Country size, online platform              |
| Market strategy    | Markting via institutions and insurance companies.        | Via<br>Vodafone                            | Via Vodafone                          | Online marketing                           |

# Competitive Analysis Worksheet – Hungary

| FACTOR      | SAVE<br>AAL | Vodafone<br>+PS | National<br>Ambulance | SOS<br>Centre | Importance to Customer |
|-------------|-------------|-----------------|-----------------------|---------------|------------------------|
| Products    | 5           | 5               | 4                     | 5             | 2                      |
| Price       | N/A         | 5               | 5                     | 3             | 4                      |
| Quality     | 5           | 4               | 4                     | 4             | 3                      |
| Selection   | 3           | 4               | 2                     | 1             | 3                      |
| Service     | 5           | 4               | 3                     | 4             | 1                      |
| Reliability | 5           | 5               | 5                     | 4             | 1                      |
| Stability   | 2           | 5               | 5                     | 3             | 2                      |

| FACTOR                | SAVE<br>AAL | Vodafone<br>+PS | National<br>Ambulance | SOS<br>Centre | Importance to Customer |
|-----------------------|-------------|-----------------|-----------------------|---------------|------------------------|
| Expertise             | 5           | 5               | 5                     | 4             | 3                      |
| Company<br>Reputation | 2           | 4               | 5                     | 3             | 3                      |
| Location              | 5           | 5               | 5                     | 5             | 5                      |
| Appearance            | 5           | 5               | 5                     | 2             | 3                      |
| Sales Method          | 2           | 5               | 5                     | 3             | 1                      |
| Credit Policies       | N/A         | N/A             | N/A                   | N/A           | 1                      |
| Advertising           | 2           | 5               | 5                     | 3             | 2                      |
| Image                 | 4           | 4               | 5                     | 2             | 2                      |

#### 7. Business Plan

At present the consortium estimated the cost target for the device as per the below.

#### 7.1 Cost estimation

At this phase of the project we don't have the final list of services that will affect the pricing. The final business plan will be ready by Month 17, when all the necessary information will be available. External stakeholders are data protection agencies and medical device certification agencies who have to agree to our solution or declare non-jurisdiction. Hardware manufacturers (who are often start-ups in this branch) also have to be sufficiently prepared to be able to fulfil orders when necessary.

The estimated costs are outlined in SAVE infrastructure system (SAVE-IS) Business Model Canvas May 26<sup>th</sup> 2018. Hardware-costs and the costs of the SAVE-TDN are mainly pass-through costs, the remaining 388,000 EUR are mainly personnel costs, which have to be borne by the business partners until we reach breakeven after 24 months.

#### 7.2 The commercial route

The commercial route for exploitation results is via direct activities of Consortium members, as well as licensed activities of third-party organizations.

In generic technical SME partners will initiate technology exploitation by producing, marketing, and distributing the SAVE system. Manufacturing rights (if any) will be restricted to Consortium partners

until market demand exceeds their capacity, at which point external licenses will be granted to augment production. Licenses will also be granted to external SMEs to increase SAVE distribution, as the market demands. In each case, licensing agreements must ensure that partner competitiveness is not jeopardized.

The partners agreed in the following scheme:

EVA and IKONTENT will take lead in the marketing and distribution activities after the project.

IKONTENT will also be the main regional distribution partner in Hungary.

Labidee will be the main regional distribution partner in Italy. INRCA will contribute to present the system to relevant stakeholders in Italy and collaborate with Labidee.

VS will be the main regional distribution partner in Romania.

EVA+IKONTENT will also contribute its existing platform solution for training and distribution networks and help setting up such a network.

ISS and UNITBV will be regional partners in Romania, supporting VS's efforts.

INRCA will be a regional partner in Italy, supporting Labidee's efforts.

NIMR, UNITBV (together with DSA) and INRCA are caregiving partners, who will provide SAVE with access to potential end-users and their requirements.

ISS, UNITBV and VS will lead technical innovation follow-up projects in order to expand SAVE's capabilities.

#### 7.3 Financial considerations

The income will be generated by selling through distributor(s), and sub-sublicensing. Form the revenue generated, the cost of sale and fabrication will be paid, then the background IPR (background royalties) will be paid to the partners on agreed business basis.

The remaining profit (if any) will be shared based on the total own effort invested by each SMEs. The profit on the maintenance will be shared based on the total own effort invested by each SMEs.

#### 8. Dissemination

As per the Dissemination Plan the following dissemination actions have been will be conducted up to Month 17:

The primary dissemination channel is the project website (www.save-aal.eu) which provides general information about the Project, a description of the partners, the major objectives and news. The website also contains a restricted section in order to facilitate exchange of information and communication between the partners. Newsletters on the website ensure that subscribers and people interested in the project progress are up-to-date.

The consortia will develop the following marketing tools to ease the dissemination:

- SAVE flyer
- SAVE poster
- SAVE press release
- Newsletter

Synergies with other websites

In order to increase the online public visibility of SAVE, several websites were approached offering project synergy benefits with them.

Part of the dissemination will be the presence on conferences and other events, where potential partners could be shown up.

## 9. Conclusions

All activities will be addressed and developed in line with the targeted achievements. This BUSINESS BASE ASSESMENT was prepared by the consortium, introducing the possible market segments with a detailed geographical analysis, taking into consideration technological, economical and socio-cultural trends. The competition of SAVE (Europe and Worldwide) is also introduced in this document with the comparison to the SAVE future prototype. Also it is detailed one by one how the SME partners individually will exploit the results after the project. The dissemination actions throughout the project's 3 years are also described in the deliverable.

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