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Online Presence of the Funeral Industry: The Example of the Quebec Federation of Funeral Cooperatives

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**Online Presence of the Funeral Industry:
The Example of the Quebec Federation of Funeral Cooperatives**

For Peer Review

Abstract

The digitalization of modern societies has offered new tools for funeral industries to reach the communities they serve, ranging from using technologies in funeral planning, in commemoration of the dead, or to support the bereaved. The COVID-19 pandemic only pushed this need for online presence of the funeral industries further. We explore the digitalization of funeral industries through the example of Quebec (Canada), where many funeral institutions are regrouped under a federation of funeral cooperatives. We analyze how this influences the delivery of funeral services and allows the development of common services answering various needs of the population (e.g., a funding program for youth funerals, an ecological memorialization program, online grief support). Finally, we discuss how the federation's online presence contributes to its mission, and more largely whether it changes the perception of the industry.

Keywords: community; cyberthanatology; funeral industry; social media; thanatology

Introduction

Dealing with death has always been a challenging issue for humans. In an attempt to cope with the unavoidable, humans have developed funeral rituals, therefore transferring part of the grieving burden from a personal to a societal perspective responsibility (Metcalf & Huntington, 1991; Romanoff & Terenzio, 2010). In modern Western societies, an important part of the practical aspects of these rituals is devolved to funeral institutions (Beard & Burger, 2017). With Internet as a flagship, the ubiquity of communication technologies has impacted all aspects of life, and death is not an exception. Indeed, the interactions between the living and the dead have been increasingly reshaped by the overwhelming impact of emerging technologies, leading to changes of the global context in which death and bereavement experiences occur, and to the embedment of end-of-life experiences with digitalized spaces (Beaunoyer et al., 2020a; Beaunoyer & Guitton, 2021). Although thanatologists and other death professionals remain essential in a digitalized society, even if only for the disposal of the physical body, technology-based emerging media offer new means of conducting digital rituals as well as alternative possibilities that could challenge the role of the funeral services (Nansen et al., 2017). Indeed, the digital revolution further imposed pressures on the funeral industry to adapt themselves by using technologies in funeral planning, in commemoration of the dead and for supporting the bereaved (Beard & Burger, 2017; Beaunoyer & Guitton, 2021; Nansen et al., 2017). While this adaptation can stimulate the development of digital services such as cyberfunerals, online memorials, or augmented reality (Arnold et al., 2018), the digital funeral industry does not rely solely on how technologies are used to support funeral planning for bereaved and family, and further the commemoration the dead. Instead, technologies can also be used to improve marketing strategies. Indeed, as most people refer to Internet to seek health information (Fox, 2011; Cyrus, 2014), the same phenomenon is observed when looking for practical information, products, and services (Bernier, 2017; Silver et al., 2019; Turner & Rainie, 2020). Therefore,

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3 another important feature to investigate is the online presence of the funeral
4 industry meaning the display of the establishment name online, through a website,
5 social media, or blogs, in order to give opportunities for customers who prefer to
6 compare prices and services digitally to learn about those before reaching out to
7 the services providers (Beard & Burger, 2020) – in other words, how they make
8 themselves shown and known.
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14 Based on these observations, the Quebec federation of funeral
15 cooperatives represents an extremely interesting case study. Indeed, this
16 federation of funeral cooperative gathers several advantages. First, it covers a
17 territory which, while not being strictly superimposed by the borders of the province
18 of Quebec, can nonetheless be delineated relatively easy – notably by the
19 language used (French vs. surrounding English). Second, this territory does not
20 only have a geographical reality, but also a cultural one. Third, while there are
21 independent funeral industries in Quebec, the federation nonetheless gathers an
22 important group of participating funeral homes, with 21 cooperatives, thus
23 providing some interesting generalizing potential. Fourth, the federation
24 membership covers a majority of the concerned territory (participating
25 cooperatives belonging to 13 of the 17 administrative regions of the province).
26 Finally, as we will discuss below, the federation and its members have an important
27 online presence.
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39 In this study, the online presence of the Quebec federation of funeral
40 cooperative was assessed qualitatively using a virtual anthropology approach
41 (Hine, 2000; Mann & Stewart, 2000; Guitton, 2011; 2012). All of the cooperatives'
42 websites (21) and the federation main website (1) were explored thoroughly, as
43 well as related material (e.g., forums, Facebook pages). Furthermore, the
44 presence of the Quebec federation of funeral cooperative in online media was also
45 observed. The multiplication, variety, and diversity of online sources allowed the
46 information to be triangulated, providing a rich and robust corpus for qualitative
47 analyses (Marcus, 1995; Mann & Stewart, 2000). All of the three investigators
48 involved were native in French and fluent in English. In order to minimize the
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3 occurrence of potential cultural biases, the investigators brought different cultural
4 perspective, as one of the three investigators was a French Canadian native, a
5 second never lived in Canada, and the third was an immigrant to French Canada.
6 Based on these in-depth qualitative analyses, this paper will analyse the
7 federation's online presence and how it contributes to its mission of bringing back
8 a sense of community, and therefore of life, to something that was traditionally
9 perceived as morbid. More largely, we will reflect on how this online presence can
10 contribute to change the perception of a profit-driven funeral industry by promoting
11 grief and death literacy locally.
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24 **2. Online identity of a unique institution**

25 *2.1. The context of French Canadian funeral industry*

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31 Funeral cooperatives are quite present in Canada, particularly in the
32 province of Quebec (Tessier, 2007; Fédération des coopératives funéraires du
33 Québec, n.d.-a) In the 1980s and the 1990s, the centralisation of ownership of
34 funeral institutions in North America resulted in a handful of transnational
35 companies running most funeral homes (Arnold et al., 2018; Northcott & Wilson,
36 2017). However, the French speaking portion of Canada, particularly the province
37 of Quebec, appeared to have been partially refractory to this phenomenon
38 (Tessier, 2007). Indeed, an exhaustive mapping of online resources related to
39 death and grief revealed that a higher number of French funeral websites were
40 found originating from Canada than any other countries in which the searches took
41 places, including France (Beaunoyer et al., 2020a). This suggests that either the
42 funeral industry of the French portion of Canada is less centralized than elsewhere
43 in North America or Western Europe, or that there is some degree of cultural
44 differences in the way funeral institutions present themselves online. More likely,
45 this might well be due to a combination of these two factors.
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3 In the province of Quebec, 21 funerals cooperatives are regrouped under a
4 federation of funeral cooperatives ("*Fédération des coopératives funéraires du*
5 *Québec*"; FCFQ, <https://www.fcfq.coop/>) totalizing more than a hundred services
6 point, mainly scattered throughout the south of the province. Of note, the federation
7 also includes one auxiliary member ("*Résidence funéraire de Lanaudière*") and few
8 associate cooperatives from other Canadian provinces (i.e., New-Brunswick,
9 Ontario, and Prince-Edward-Island), and even from other countries (i.e., United
10 States, Peru, Costa Rica, and France). The federation's cooperatives follow the
11 Statement on the Cooperative Identity, the values, and the principles from the
12 International Cooperative Alliance (ICA). According to the ICA, "a cooperative is
13 an autonomous association of persons united voluntarily to meet their common
14 economic, social, and cultural needs and aspirations through a jointly-owned and
15 democratically-controlled enterprise" (International Cooperative Alliance, n.d.).
16 Core values of the cooperative movement are "self-help, self-responsibility,
17 democracy, equality, equity, and solidarity" (International Cooperative Alliance,
18 n.d.). These values are enacted through seven principles including democratic
19 member control, education training and information, cooperation among
20 cooperatives, and concern for community. Consequently, this model presents
21 multiple characteristics influencing the delivery of funeral services that allows the
22 development of common services answering various needs of the communities
23 they serve.

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40 The results from a quantitative study that aimed to describe the grief and
41 bereavement websites landscape revealed that a small proportion of websites
42 retrieved from a Google search pertain to the funeral industry. Indeed, extensive
43 searches in the three most widely spoken Indo-European languages (English,
44 French, and Spanish) unveiled 136 funeral institution websites, representing
45 5,25% of all websites found (Beaunoyer et al., 2020a). Interestingly, over two-
46 thirds of these websites were in French, and 78 websites were originating from
47 Canada (Beaunoyer et al., 2020a). Among the 78 French Canadian funeral
48 institutions websites, 14 websites were part of the Quebec federation of funeral
49 cooperatives. Further investigations of the federation revealed that 7 additional
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3 cooperatives were not identified in the sample of this original study – yet, have
4 been included in the analyses presented here.
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9 10 *2.2. Online presence: Visual identity and aesthetics*

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12 The federation uses a website framework that brings together online
13 resources that is reproduced in most cooperatives' websites (**Figure 1**). While a
14 common layout and logo are adopted by most of the cooperatives, there are few
15 distinctions between the websites, allowing a certain degree of personalizing in the
16 online presentation of the various individual cooperatives. Although widely used,
17 the official logo of the federation (a deconstructed circle of triangles with one part
18 standing out, **Figure 1**) is not present in all the cooperatives. Indeed, 8 out of 21
19 cooperatives do not feature the common logo in their online visual identity (**Table**
20 **1**). Regarding the layout of the websites, most cooperatives adopt the same
21 general layout than the federation's website. This design includes a reproduction
22 of the federation's logo in the bottom of the main page, as a way to further increase
23 the identification of the cooperative with the federation. This general framework
24 design also includes links to the cooperative's social media pages at the bottom of
25 the main page. However, while the design is conserved across individual websites,
26 details allow the customisation of each member of the federation. For instance,
27 while the federation website has grey-green headings, some cooperatives use a
28 different color code – with red, black, green, yellow, or blue headings (**Figure 1**).
29 Therefore, even though all members of the federation agree upon a similar format,
30 they do exert individuality in their choices of color. Having the same logo and
31 overall design come with some advantages for the cooperatives, both from an
32 internal perspective (as doing so obviously reduce costs related to web design and
33 general marketing products), and from an external perspective (with customers
34 identifying more quickly and easily a distinct trademark). Therefore, the choice of
35 using a shared logo and design, but with options of customization in the color code,
36 offers a good equilibrium between identity (of being a specific, locally grounded
37 cooperative) and identification (as being part of a cooperatives' federation).
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3 Interestingly, few exceptions to this rule exist. Indeed, in addition to the 8 members
4 not using the logo, three members of the federation elected to have a distinctive
5 layout for their website (**Table 1**). In the case of these institutions, the membership
6 to the federation is less obvious to website's visitors.
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11 The choice of iconography on the websites' main page also varies from one
12 website to another. The federation's website main page presents, below the
13 headliners, a four-panel moving display screen (**Figure 2**). Each of these display
14 screen presents a general illustration pertaining some emotional weight (hands
15 handlings each other, flowers, comforting symbols), a comforting quote (e.g.,
16 "*Présent à chaque instant*" i.e., present at all times) and optionally a link to
17 multimedia material (typically a video, or a resourceful website). While typically
18 retaining the same structure of the main page of their own websites, the individual
19 cooperative might or not replace one or more of the supporting pictures of the
20 welcome display screens by iconography specific to their own cooperative identity
21 (e.g., a picture of their building, their installations, or of the specific features of their
22 geographical area). For instance, the "*Coopérative funéraire du Fjord*" (localized
23 near the Saguenay River Fjord) present peculiar iconography consisting of pictures
24 of the iconic landscapes of the geographical area it deserves. Some websites also
25 present moving display screen with more than four panels. The characteristics of
26 the websites of the federation and its members (shared display, easy-to-find
27 contact and location information, explicit subheading categories), as well as the
28 design choices (comforting images and words), echo what has been observed for
29 other funeral industry websites (Coetzee et al., 2014), and is likely to enhance the
30 quality of the consumers' experience.
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46 Among the associate cooperatives, only one website presented the same
47 layout as the federation (Funeral Co-operative of Ottawa Inc.) and three websites
48 presented their association with the federation in a distinct section ("*Coopérative*
49 *funéraire de Nantes*" (France), Funeral Cooperative Passage (PEI, Canada), The
50 Co-op Funeral Home of People's Memorial (USA)). Of note, a few clicks are
51 needed in order to access this information, which was either located in an
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3 affiliations section (e.g., Funeral Cooperative Passage, The Co-op Funeral Home
4 of People's Memorial), or in an history section (e.g., "*Coopérative funéraire de*
5 *Nantes*"). Interestingly, the Funeral Co-operative of Ottawa Inc website presents
6 multiples visual similarities with most of the cooperative's websites that adopt the
7 general design framework, making this associate member cooperative harder to
8 visually distinguish from actual member cooperatives.
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17 2.3. *Online presence: Content analysis*

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19 Not surprisingly, all of the members' websites were in French. However, two
20 of them also proposed an English version. Of note, these two cooperatives were
21 located in geographical areas of the province where French and English speaking
22 communities were more evenly distributed. Yet, when available, the English
23 version was significantly less complete and informative than the French version.
24 The languages used in the websites of the associate cooperatives were more
25 varied, and included French (2 websites), English (4 websites), bilingual French-
26 English (2 websites), and Spanish (2 websites).
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33 The websites using the common framework were divided in four headings:
34 "*Prévoir et planifier*" (i.e., planification), "*Rendre hommage*" (i.e., pay tribute),
35 "*Vivre un deuil*" (i.e., experiencing bereavement), "*Votre coopérative*" (i.e., the
36 cooperative's presentation). These four headings contain links to multiple relevant
37 pages related to the overall theme. Therefore, numerous clicks are needed to
38 browse the totality of the websites' content. While a lot of information can be found
39 in the websites, skills are needed to locate specific information (Guitton, 2015). In
40 the context of a service related to health, which is touching people from all socio-
41 economical origins, and likely people more vulnerable in terms of digital literacy
42 (e.g., older adults), this might reduce the immediate actionability of the site for the
43 users (Beaunoyer et al., 2017). This brings some nuance to the aforementioned
44 initial ease of access of the websites themselves through online search engines
45 (Beaunoyer et al., 2020a), and of their homepages through the characteristics of
46 their visual features. For instance, the funeral services are not necessarily put
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3 forward, with minimal information being disclosed. While the Federation claims to
4 offer lower prices for funerals both to members and non-members (or with the
5 “*Programme solidarité*” which proposes reduced fees for funeral rituals for
6 deceased children), information on the prices of the various services offered is
7 hard to locate on the cooperatives’ websites, when not simply absent. One
8 cooperative does provide a presentation of forfeit prices for various types of
9 ceremonies in a page advertising prior arrangement. However, it is clear that
10 customers need to ultimately contact the federation member to get an idea or an
11 estimate of the prices.
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19 Most of the cooperatives’ websites present a link to an online platform for
20 funeral planification called “*Espace Famille*” (i.e., family space). This platform
21 constitutes a private and personalized space to obtain support in funeral
22 planification throughout all the steps of the process. This tool serves to ease the
23 communication between family members and funeral team, and to gather
24 information in the same space (Coopérative funéraire des Deux Rives, 2018). This
25 also allows for family members who are geographically far from the funeral home
26 to be consulted. In addition to this institutional support space, the websites typically
27 provide a link to an online grief support service (“*La Gentiane*”), which will be
28 discussed below. Death notices were present, yet were very similar to traditional
29 printed death notices, with basic information about the deceased family members
30 and information on funeral setting (when and where) being provided, content
31 similar to those found on specialized sites such as legacy.com. Of note, bereaved
32 or closed ones could publicly share their condolences through a commentary
33 feature presented alongside the death notice. In the present case, death notices
34 seemed to be often generated and used to inform the social network of the
35 deceased individuals through social media. Finally, cooperatives’ websites also
36 present an online shopping space, where visitors can buy commemorative
37 merchandises specifically for a deceased received at the cooperative.
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3. Building a community

3.1. Death education and grieving support

One of the principles clearly emphasized by the funeral cooperative movement – and by the federation itself – is that one of the community-based mission of the funeral industry is to promote death literacy and death education amongst the population (Fédération des coopératives funéraires du Québec, n.d.-b). Whilst in a traditional model, this promotion of death education was de facto done locally, Internet allows for that to be done more broadly – within the inherent limitation of access to technology, and of language barriers. Another difference that is enabled by online presence of the funeral industry – and that is actualized in the federation suite of online resources – is the fact that, in the pre-Internet era, funeral industry-powered death education was typically occurring during a business/customer relationship, while in the digital era, the opportunities for the population to be exposed to death education material coming from the funeral industry are considerably more numerous – as evidenced by the ease with which the federation’s websites can be located online (Beaunoyer et al, 2020a).

Information on death education and death education services is presented through multimedia on the federation website and on the websites of the individual cooperative, both in written format and in multimedia format (including videos). Interestingly, one cooperative sponsored a web series hosted by two local comedians in which humor, testimonials from local famous personalities, and interventions from the cooperatives’ employees were used to demystify death and funeral rituals in a speech designed for death education purposes (Coopérative funéraire du Grand Montréal, n.d.). Beside the information provided in the various pages of the websites of the federation and of its individual – regular or associate – members, the federation offers various and specific online or hybrid resources to further death education. For instance, the federation publishes a magazine entitled “*Profil*”, freely available online, which is used to communicate with the population about topics related to funerals, grief, and bereavement. Each issue

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3 includes an interview with a known personality of Quebec who speaks openly
4 about a bereavement they experienced. This death education approaches is
5 interesting as it might mobilize the parasociality relations between individuals and
6 celebrities, in order to raise awareness toward grief and bereavement experience
7 (Beaunoyer & Guitton, 2021, Park et Hoffner, 2020). Furthermore, a paper copy of
8 this magazine can be provided in some cases in the different cooperatives.
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14 In addition, most of the funeral cooperatives of the federation organize
15 informational meetings, conference nights, reflexional groups, and workshops
16 (Fédération des coopératives funéraires du Québec, n.d.-b). These activities serve
17 the objective of demystifying death through various informative themes related to
18 personal (getting older, death and children, grief) and legal issues (end-of-life
19 wishes, will, succession). The federation's websites advertise these activities, thus
20 proposing them to a potentially larger audience than the people who are already
21 customers of the cooperatives.
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29 An interesting death education resource brought forth by the federation's
30 online suite is the autonomous website named "*La Gentiane*"
31 (<https://www.lagentiane.org/>). "*La Gentiane*" is a website which was first designed
32 in the 90s by a couple from Quebec. The first instalment of this website was a
33 forum developed in order to share support about their own grief experience. The
34 forum became quite popular, and soon became an important source of potential
35 peer support related to grief and mourning. The website got purchased by the
36 federation in 2006, but the founding authors remained involved in the development
37 of content and in the website maintenance (Tessier, 2007). Beside its historical
38 feature – a discussion forum with over 4000 members and over 200 000
39 comments, the website contained three main sections. The first section provides
40 11 general articles covering themes such as helping a bereaved person, seeking
41 help, losing of a child, child bereavement, or the stages of grief. The second section
42 allows to share creative material, such as poems, letters, or testimonies. Finally,
43 the third section gathers various articles classified within seven categories (grief
44 and bereavement, funeral rituals, death, practical questions, testimony, other).
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3 Interestingly, and although the forum of “La Gentiane” was the only forum owned
4 by a funeral institution that was easily retrieved from an exhaustive mapping of
5 grief and death online resources (Beunoyer et al., 2020), the forum itself closed
6 in the last week of August 2019 – and later became inaccessible. While it was
7 heavily frequented 10 years ago, the postings increasingly decreased across the
8 years – reaching even 0 in the last few months before the forum was closed. The
9 change in the dynamics was acknowledged by the administrators of the forum that
10 consequently decided to change the medium used for the peer support. A
11 Facebook group was created instead, which might suggest that social media
12 platforms might represent a better vector for peer support about grief, as
13 demonstrated for other health issues (Lazard et al., 2021; Zhang et al., 2021).
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23 The death education initiatives conducted by the federation contributes
24 more generally to prepare the families facing the funeral planification. Taken
25 together, this implication of the federation in death education extends the function
26 of the federation as an actor within the community.
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33 3.2. Witnessing the evolution of rituals 34

35 Funeral industries offer numerous services, ranging from the body curation
36 to the funeral planning. However, these services are not necessarily those that are
37 put forward on the cooperatives’ websites. Although some cooperatives’ websites
38 formally present the various funeral services offered, they typically suggest
39 potential customers to directly contact the cooperative to receive more information.
40 Instead, the websites focus on other services – specifically services combining
41 memorialization and grief support purposes. In this view, the websites seem to
42 acknowledge a commitment toward other societal values, illustrating how the
43 federation presence can go beyond the single delivery of funeral services and
44 extend throughout the grieving process.
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53 Amongst the initiatives bearing a societal value advertised throughout the
54 federation websites, we can mention an ecological memorialization program called
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3 “*Programme Héritage*” (i.e., inheritance program). This program is presented on
4 the federation main website and on most of the members websites. It involves
5 planting trees in memorial to each deceased received at the cooperative
6 (Fédération des coopératives funéraires du Québec, n.d.-c). Despite being a way
7 to memorialize a loved one, the deceased memory is honored through an action
8 that not only contributes to protect life – symbolising a form of life beyond death –
9 , but is also part of a global, and societal, action to protect the environment and to
10 reduce the ecological footprint of human activities related to funerals (e.g., vehicle
11 used for deceased transportation). In 2020, 95 560 trees were planted to
12 commemorate the deceased, and 64 896 more to cover 100% of their ecological
13 footprint (Fédération des coopératives funéraires du Québec, n.d.-c). In this case,
14 memorialization is combined with ecological values both on an individual level
15 (individual meaning of the tree as an extension of the deceased life) and on a
16 global one (social responsibility of reducing ecological footprint). This not only
17 witnesses an evolution of existing mourning rituals, but also contributes to the
18 emergence of new forms of rituals, which, while taking place in real spaces, are
19 powered by virtual spaces.
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33 The rituals conducted by the cooperatives can be further personalized with
34 and within the “family space” (online platform we presented earlier in this text).
35 Indeed, this platform is not only used to help families during funeral planning, but
36 also to provide them a space for actively participating in the creation of unique
37 memorialization content related to the deceased (Alliance funéraire du Royaume,
38 n.d.-a). This online tool is part of a broader approach aiming at adding value for
39 both the funeral industry and the families by extending mourning rituals to a
40 professionalized cyberspace. This approach to customers is also evidenced by a
41 formation program given to counsellors and funeral directors centered on the
42 importance of meaningful rituals (Fédération des coopératives funéraires du
43 Québec, n.d.-d). For the federation, giving meaning to the funerals implies more
44 than to be up to date with digital or non-digital funeral services. It also involves
45 promoting the implication of the bereaved in the funeral planification and
46 organization, as well as in the memorialization process. However, considering that
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3 not everyone is familiar and competent with Internet use (Beaunoyer et al., 2020b),
4 the use of this tool still remains optional. Interestingly, this is a striking example of
5 how digital inequalities can interfere beyond death, with families having more
6 digital skills potentially able to reach higher levels of individualising their rituals,
7 and even to include other relatives who would not be able to be physically present
8 (Beaunoyer & Guitton, 2021). In the context of remembrance, this shows how
9 social structures can encourage the creation of new rituals. In this sense,
10 technology both enables and mediates the emergence of new ways to memorialize
11 deceased people, ultimately embracing a hybrid reality, encompassing both offline
12 and online spaces as commemoration spaces, while still being supervised by the
13 industry. The active implication of family members in the elaboration of a funeral
14 service uniquely conceived for the deceased, improved by the “family space”, thus
15 promotes empowerment and action in the grieving process.
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29 3.3. Creating a sense of community

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31 The online presence of the federation’s members suggests other ways
32 through which a sense of a community might arouse, beside the outcome of the
33 funeral services from any funeral institution that could create a sense of
34 community. Almost all of the federation’s individual cooperatives have at least one
35 social media account, notably on Facebook. Indeed, the federation and all
36 membered cooperative but one (“*Coopérative funéraire de Saint-Jean-de-Matha*”)
37 have a Facebook account. However, the social media presence of the individual
38 cooperative is unequal in numerous ways. First, the number of posts shared by the
39 federation or by its membered cooperatives greatly varied. For instance, while the
40 mean number of posts shared in the last 30 days (November 23rd to December
41 23rd, 2021), was 13,67 posts (SD: 19.05), the minimal number of posts shared by
42 a cooperative Facebook page was of 0 (4 cooperatives) and the maximum number
43 of posts shared was of 92 (“*Coopérative funéraire du Bas-Saint-Laurent*”). As a
44 comparison point, the federation itself shared 12 posts. The material posted by the
45 federation was also mostly reposted or shared on the Facebook feed of the
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3 individual cooperatives. Furthermore, the cooperatives that shared the most
4 content on their Facebook page, were also those publishing the most death notices
5 of the deceased they were received. Second, the number of followers of the
6 federation and of the cooperatives also varied. While the mean number of followers
7 is 635.5 (SD: 577.77), the minimal number of followers of a Facebook account was
8 of 16 (*“Résidence funéraire de l’Abitibi-Témiscamingue”*) and the maximal number
9 of followers was of 2215 (*“Coopérative funéraire du Grand Montréal”*). Third, the
10 federation and some cooperatives have other types of social media accounts, such
11 as Twitter (the federation and 4 cooperatives), Instagram (*“Coopérative funéraire*
12 *des Deux Rives”*), LinkedIn (the federation and *“Coopérative funéraire du Grand*
13 *Montréal”*), and YouTube (*“Résidence funéraire Lac-St-Jean”*). The federation is
14 also present on Pinterest and Vimeo. However, those accounts are typically poorly
15 fed, or not regularly updated. Therefore, the cooperatives’ sense of community
16 does not appear to primarily rely on social media presence, but might be more
17 related to other forms of actions.
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30 Funeral industry engagement in community activities and sponsorship of
31 programs contribute to develop the establishment participation in the local goodwill
32 activities, which could lead to word-of-mouth advertising and increase trust in the
33 funeral home (Beard & Burger, 2020). Through their websites, each cooperative is
34 given space to express their individuality in relation to their role in the community
35 – or at least to the role they perceive or want to display. While all cooperatives
36 mostly offer the same common services, some also offer local services tailored to
37 their community that are not necessarily offered elsewhere. Indeed, browsing the
38 various cooperatives’ websites reveal informative regarding how each positions
39 their social implication within the community. This implication can take the form of
40 discounts on funeral expenses for the members, donations, and sponsorships. For
41 instance, the website of one cooperative presents a social and economical
42 implication in the community that translates into donations to various organisations
43 in their territory, counting in thousands of dollars each year (Alliance funéraire du
44 Royaume, n.d.-b). The news section of the federation website (which includes all
45 member cooperatives news) also features community donation engagements or
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3 realizations (Coopérative funéraire des Deux Rives, 2020; Coopérative funéraire
4 de Saint-Jean-de-Matha, 2021). An other form of social implication that was
5 promoted through some cooperatives websites is the possibility for individuals or
6 organisations to rent space for a minimal price (Coopérative funéraire des Deux
7 Rives, n.d.).
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12 By their implication in death education interventions, and in various
13 programs such as their ecological memorialization program or their philanthropic
14 activities, the cooperatives of the federation promote and advertise their social
15 implication in their communities through their online presence. By doing so, the
16 federation's membered cooperatives contribute to bring back a sense of
17 community – and therefore a sense of life – to something that was traditionally
18 perceived as morbid by going beyond the single funeral rituals. Indeed, the
19 cooperatives present themselves as an important part of the community and
20 intervene not only in end-of-life contexts, but also in life ones.
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31 **4. Handling rituals in a sanitary crisis context**

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33 The COVID-19 pandemic, emerging in March 2020, challenged all parts of
34 the social systems around the world. As a mean to contain the propagation of the
35 virus, the Quebec government – as most governments worldwide – imposed
36 several social distancing measures that impacted the funeral industry. These
37 measures varied according to the cyclic outbreaks that happened in the province
38 of Quebec, as it did in other regions of the world. While these restrictions increased
39 the dependency upon digital technologies, the capability – and thus the actual
40 possibility – to participate and to retain benefits from digital funeral rituals is closely
41 related to digital inequalities (Beaunoyer et al., 2020b). During the first outbreak,
42 the federation chose to cancel and postpone funeral ceremonies and activities
43 (Fédération des cooperatives funéraires du Québec, 2020), while other
44 independent industries limited gatherings to two persons at the same time or
45 moved online most funeral events and contacts (Nadeau, 2020). The activities
46 were gradually reinstated during the following waves with the application of strict
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3 measures such as hands disinfections, physical distancing, wearing a mask,
4 prohibition of physical contacts such as hugging and hand shaking, and reduction
5 of the maximal capacity of people attending the ceremonies.
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9 While dealing with the pandemic, clear communication between the
10 cooperatives and their customers was and is essential. The federation used
11 multiples communicative features in their websites to inform visitors and customers
12 of the services updates. When one of the cooperatives' websites is accessed, a
13 pop-up window appears indicating the basic hygiene measures that visitors of
14 service points need to follow (**Figure 3**). The measures presented in this pop-up
15 window varied through time alongside the governmental recommendations. The
16 news section of the federation website proposes multiple articles informing the
17 reinstatement of various funeral services in the first half of the year 2020. These
18 articles originated both from the federation itself or from the cooperatives. For
19 instance, the "*Coopérative funéraire du Grand Montréal*" published a piece of news
20 on May 29th, 2020, informing that columbarium visits were possible again by
21 appointment for one or two persons at the same time (Coopérative funéraire du
22 Grand Montréal, 2020).
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34 Modifying the welcoming conditions of the guests attending *in situ* funerals
35 was however not sufficient to answer the crisis. Indeed, giving the pace of
36 infections, a lot of funeral ceremonies had to go virtual. Therefore, the federation
37 also updated their offer of digital services to answer the needs of bereaved family
38 while respecting governmental and sanitary restrictions in conducting funeral
39 services. Consulting the news section of the federation website allowed to find
40 more information regarding the adaptations made to the digital rituals in the
41 pandemic context. The obituary pages were updated to support more interactions.
42 Notably, the obituary pages proposed several new virtual services to complement
43 the redaction of sympathy messages. Among them were both services free of
44 charge, including the possibility to add a photo tribute (Coopérative funéraire des
45 Deux Rives, 2020; Coopérative funéraire de l'Estrie, 2020) or to light a virtual
46 candle, and services offered for a limited price, such as a tree plantation in
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3 memorial of the deceased (Coopérative funéraire des Deux Rives, 2021). Online
4 diffusion of funeral ceremonies became more accessible in numerous
5 cooperatives (Coopérative funéraire des Eaux Vives, 2020; Résidence funéraire
6 Maska, 2021). Updates in digital services were not only made with regards to
7 typical funeral services and memorialization, but also for grief support services and
8 death education initiatives. Indeed, some cooperative offered virtual meetings for
9 the bereaved (Coopérative funéraire de l'Outaouais, 2020). The death education
10 mission was also pursued and adapted to the new digital reality by replacing the
11 annual traditional public conferences with virtual conferences (Coopérative
12 funéraire des Deux Rives, 2020).

21 In accordance with the federation supportive online presence, the federation
22 general framework (used for most of the cooperatives' websites) was updated in
23 response to the pandemic. Thus, the subsection "*Le deuil en période de*
24 *confinement*" (i.e. mourning during confinement) was added to the section "*vivre*
25 *un deuil*" ("living a loss"). The content presented in this section was further divided
26 in three subsections: "*Le deuil et les rituels*" (i.e., grief and rituals), "*S'entraider*",
27 (i.e., helping each other), and the "family space". In the section "grief and rituals",
28 the person can first access a downloadable guide for grief support in periods of
29 isolation. This guide contains advice on the type of rituals that can be conducted
30 at home (e.g., dedicating a small space to the deceased loved one with pictures
31 and few objects) and alternatives to receive support in the absence of traditional
32 funeral rituals (e.g., share memories and express emotions to friends and family
33 by phone and through social media). The last page of the guide presents some
34 online resources offered by the federation such as "*La Gentiane*" and instructive
35 readings that can be found on the cooperative websites. Furthermore, two short
36 videos are displayed where supporting grief quotes scrolls along with suiting music
37 and one video presenting advice from a counsellor explaining how to write a
38 tribute. Some quotes, used in the Facebook pages of the cooperatives, are also
39 presented. An audio interview with one of the founders and current managers of
40 "*La Gentiane*" from March 30th, 2020, discussing about grief and funeral rituals in
41 a pandemic context is also accessible directly on this same page. The section
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3 “helping each other” includes links for the federation support resources of “*La*
4 *Gentiane*”, the website and the Facebook community, as well as for phone support.
5 While “*La Gentiane*” offers online support, phone support is not directly available
6 online and bereaved who seeks it need to contact its local cooperative to receive
7 this type of support free of charge. Finally, the link for the section “family space”
8 leads to a description of the service that is contextualized to the pandemic
9 situation.

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11 While the federation initial communication around COVID-19 suggested that
12 the funerals were only held up until the end of the crisis, time made abundantly
13 evident that the crisis would not pass quickly enough for the bereaved to simply
14 wait to accomplish funeral ceremonies. Therefore, multiple adaptations were made
15 to the services, as presented in the paragraphs above. However, given that after
16 two years the situation is still instable with the waves of outbreak succeeding each
17 other, it is likely that at least some of the restrictions to funeral services will remain
18 in a foreseeable future. In this view, the evolution of the content of the federation
19 and its cooperatives’ websites testimonies of the forced adaptation that the funeral
20 industry had to undergo.

31 32 33 34 35 36 37 38 **5. Conclusion**

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42 The analysis of the online presence of Quebec federation of funeral
43 cooperatives is highly informative. While this case might appear as a singular one,
44 some elements suggest that this example might not be that singular and could
45 potentially inform other phenomena related to the online presence of funeral
46 industry. Quebec geography and demography are characterized by a large territory
47 housing a rather small population, which suggests that online services could be
48 increasingly important in the near future. The pandemic gave a clear taste of what
49 it could be like if the physical boundaries could not be crossed anymore. Yet, the
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3 influence of the federation over the funeral industry might not be strictly limited to
4 the large geographical boundaries of Quebec. Indeed, associated cooperatives
5 also extends the movement to the rest of Canada, to other countries, as well as to
6 other continents.
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11 The findings illustrate how the funeral industry is evolving with the
12 digitalizing of the society, alongside the needs of the various local communities
13 they are meant to serve. The online presence of the federation and its cooperative
14 contributes to put forward the principles of education, training, memorialization,
15 and grief support as well as a concern for community. As such, the websites of the
16 federation and its cooperatives are witnessing the promotion of a dialogue
17 encouraging grief and death literate society. Once the crisis will be over, the online
18 services emerging from the response to the crisis will likely remain, as tools
19 supporting the displacement of funeral rituals from physical spaces to hybrid
20 modalities. This crisis will have long lasting impacts on the funeral industry as it
21 accelerated this movement toward hybrid spaces for mourning. As the near future
22 will likely be welcoming more technological innovations, i.e., augmented reality,
23 the access to funeral services will differ amongst the population, leaving vulnerable
24 populations even more at bay.
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Table 1: List of the federation cooperatives' websites

Cooperative's name	Website	Logo	Layout
Alliance funéraire du Royaume	https://www.afdr.coop/	No	Yes
Centre Funéraire Coopératif du Granit	https://www.cfgranit.qc.ca/	Yes	No
Coopérative funéraire Brunet	https://coopfbrunet.com/	Yes	Yes
Coopérative funéraire de l'Estrie	https://www.coopfuneraireestrie.com/	Yes	Yes
Coopérative funéraire de l'Outaouais	https://www.cfo.coop/	No	Yes
Coopérative funéraire de la région de Coaticook	https://www.salonfunerairecoaticook.com/	Yes	Yes
Coopérative funéraire de la Rive-Nord	https://cooprivenord.com/	Yes	No
Coopérative funéraire de Saint-Jean-de-Matha	https://www.coopfunerairestjeandematha.com/	No	Yes
Coopérative funéraire des Deux Rives	https://www.coopfuneraire2rives.com/	Yes	Yes
Coopérative funéraire des Eaux Vives	https://www.eauxvives.ca/	Yes	Yes
Coopérative funéraire des Laurentides	https://www.coopfunerairelaurentides.org/	Yes	Yes
Coopérative funéraire du Bas-Saint-Laurent	https://www.cfbsl.com/	No	No
Coopérative funéraire du Fjord	https://fjord.coop/	No	Yes
Coopérative funéraire du Grand Montréal	https://www.cfgrandmontreal.com/	Yes	Yes
Coopérative funéraire du Témiscamingue	https://www.cftemiscamingue.com/	Yes	Yes
Coopérative funéraire Haute-Côte-Nord – Manicouagan	https://www.cfhcn.ca/	Yes	Yes
Maison funéraire de l'Amiante	https://www.mfamiante.coop/	Yes	Yes
Résidence funéraire de l'Abitibi-Témiscamingue	https://www.residence-funeraire.coop/	No	Yes
Résidence funéraire Lac-St-Jean	https://www.residencefunerairelacstjean.com/	No	Yes
Résidence funéraire Maska	https://www.rfmaska.coop/	Yes	Yes
Résidence funéraire de Lanaudière (Auxiliary member)	https://rflanaudiere.com/	No	No

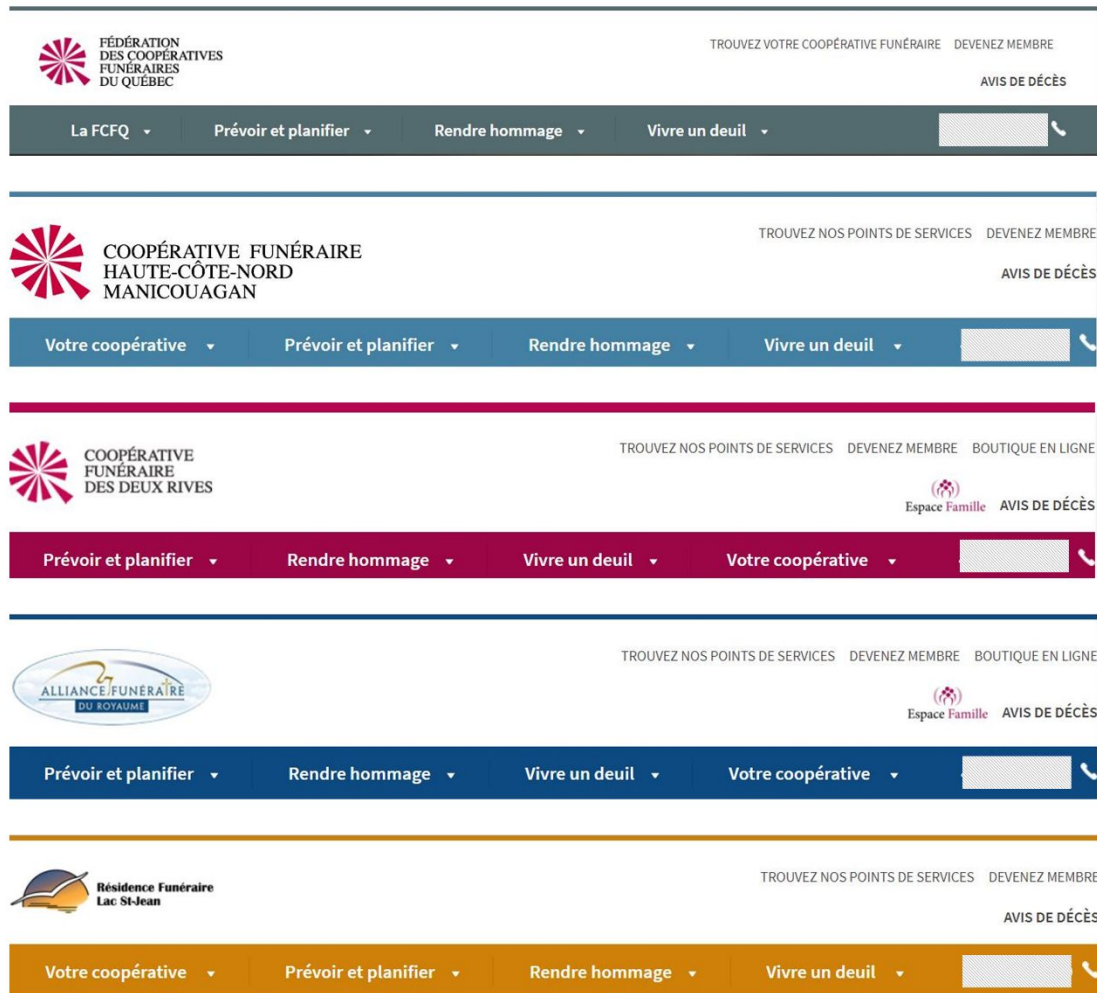


Figure 1: Examples of shared elements of web design.

Shown is a photo-edition of homepage banners taken from the websites of the federation and of some of its members. A common framework is easily identifiable across the different examples, although the color code varies for each member of the federation. The top line displays the federation main website (<https://fcfq.coop>) with the federation's logo on the left. The second and third lines display examples of individual members reproducing the same layout, including a similar logo than the federation. The two lower lines present examples of individual members reproducing the same layout than the federation, but with a fully different logo not bearing similitude with the federation's logo. Interestingly, all examples (including those not having the same logo) presented the same sections headings, albeit their order often varied between the websites. Of note, contact information were always provided at the same place of the homepage (phone numbers have been blurred here for privacy reasons, photo-editing made from screenshots taken in June 2021).

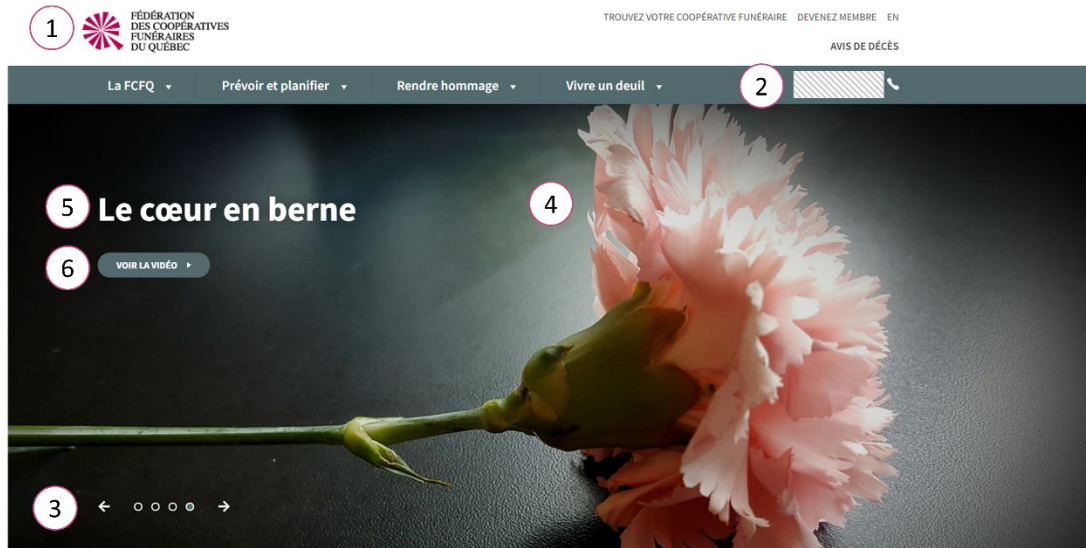


Figure 2: Homepage display screen.

This figure presents a screenshot of one of the panels from the homepage moving display screen on the federation's website. Interesting elements from the design are indicated with numbers: 1) the federation's logo, 2) the federation's contact information (phone number has been blurred here for privacy reasons), 3) display of slideshow controls (visitor can move from one panel to the others), 4) iconography choice varies from one panel to the other, 5) panel's title or a comforting quote, 6) in some cases an hyperlink to multimedia resources (such as a video) can also be provided (screenshot taken in December 2021).

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SE PROTÉGER,
TOUS ENSEMBLE

Avis à nos membres, clients et visiteurs

Avec la reprise graduelle de nos activités et des événements funéraires dans nos centres, nous tenons à vous aviser des mesures de distanciation et d'hygiène en vigueur dans tous nos points de service :

Désinfection des mains obligatoire

Maintenez une distance sécuritaire

Port du masque obligatoire

Pas de câlins, ni de poignées de main

Capacité maximale de 50 personnes

Merci de votre collaboration

Figure 3: Pop-up window presenting the COVID-19 sanitary measures.

This figure is an example of a pop-up window appearing when visiting the website of one of the cooperatives, presenting the COVID-19 sanitary measures in place at the cooperative (in this case, the “Coopérative funéraire du Grand Montréal”). The pop-up window presents the principals sanitary measures to follow when visiting their establishments (texts in French, screenshot taken in December 2021).

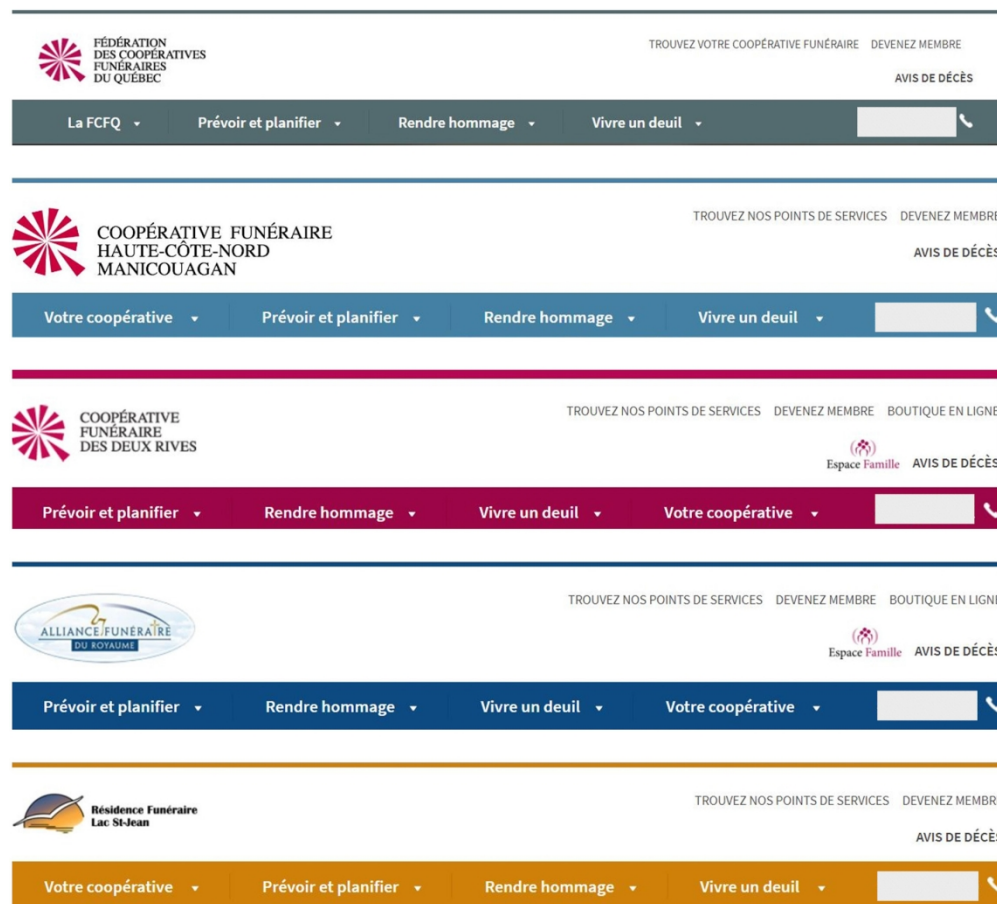


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705x649mm (72 x 72 DPI)

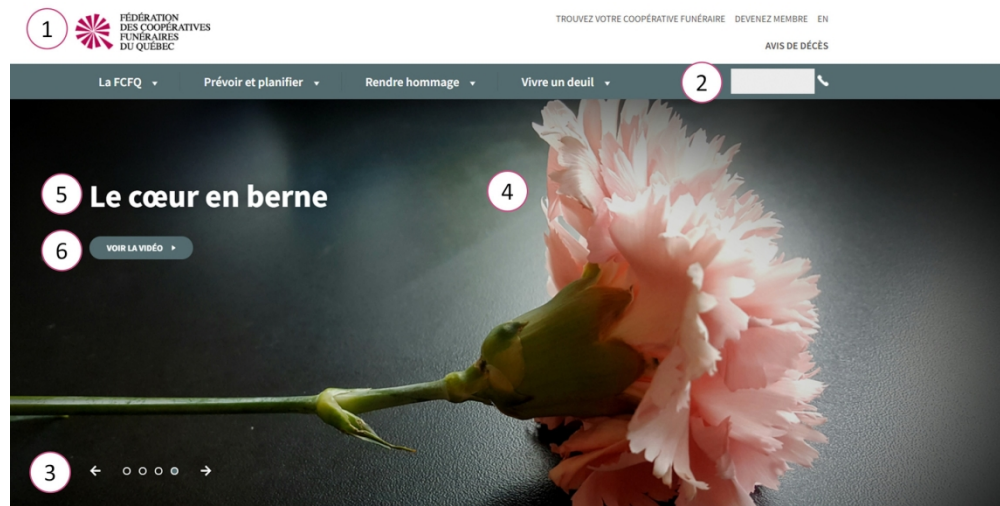


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705x365mm (72 x 72 DPI)



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705x411mm (72 x 72 DPI)

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Coopérative funéraire de l'Outaouais	https://www.cfo.coop/	No	Yes
Coopérative funéraire de la région de Coaticook	https://www.salonfunerairecoaticook.com/	Yes	Yes
Coopérative funéraire de la Rive-Nord	https://cooprivenord.com/	Yes	No
Coopérative funéraire de Saint-Jean-de-Matha	https://www.coopfunerairestjeandematha.com/	No	Yes
Coopérative funéraire des Deux Rives	https://www.coopfuneraire2rives.com/	Yes	Yes
Coopérative funéraire des Eaux Vives	https://www.eauxvives.ca/	Yes	Yes
Coopérative funéraire des Laurentides	https://www.coopfunerairelaurentides.org/	Yes	Yes
Coopérative funéraire du Bas-Saint-Laurent	https://www.cfbsl.com/	No	No
Coopérative funéraire du Fjord	https://fjord.coop/	No	Yes
Coopérative funéraire du Grand Montréal	https://www.cfgrandmontreal.com/	Yes	Yes
Coopérative funéraire du Témiscamingue	https://www.cftemiscamingue.com/	Yes	Yes
Coopérative funéraire Haute-Côte-Nord – Manicouagan	https://www.cfhcn.ca/	Yes	Yes
Maison funéraire de l'Amiante	https://www.mfamiante.coop/	Yes	Yes
Résidence funéraire de l'Abitibi-Témiscamingue	https://www.residence-funeraire.coop/	No	Yes
Résidence funéraire Lac-St-Jean	https://www.residencefunerairelacstjean.com/	No	Yes
Résidence funéraire Maska	https://www.rfmaska.coop/	Yes	Yes
Résidence funéraire de Lanaudière (Auxiliary member)	https://rflanaudiere.com/	No	No