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# PUBLIER LA SCIENCE, A NOVEL NEWSLETTER ON SCIENTIFIC PUBLICATION

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## Background – objectives

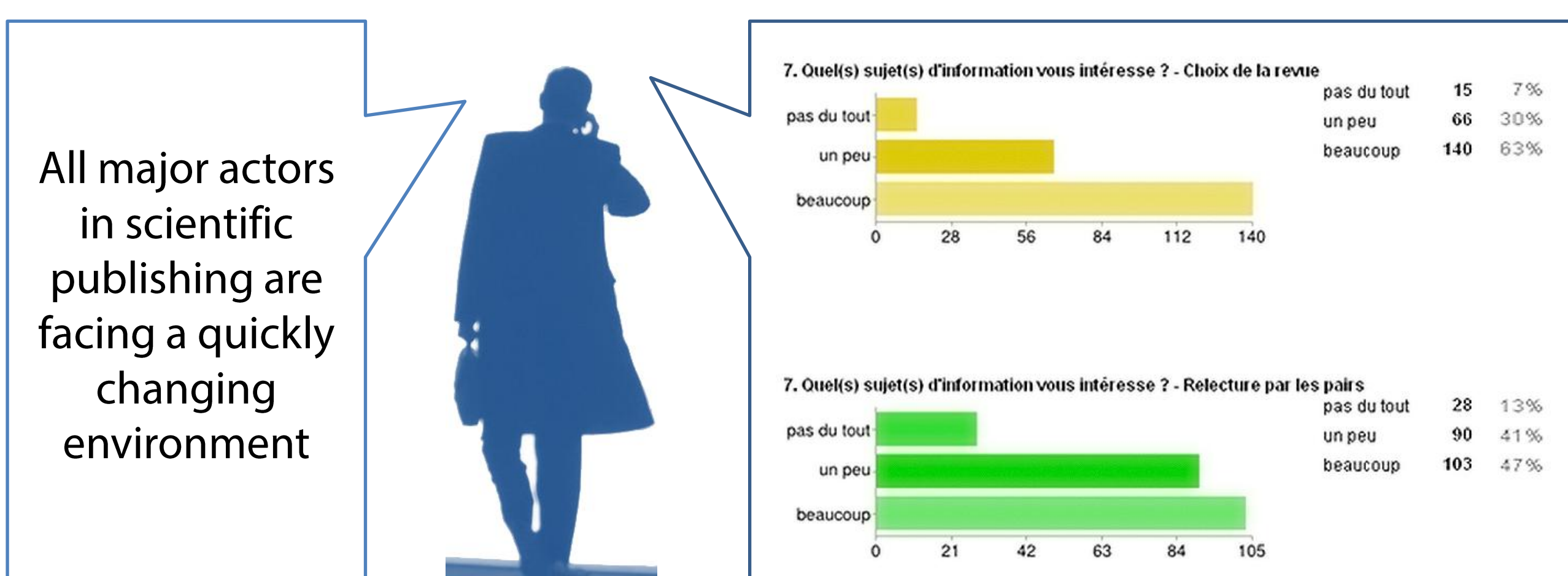
Researchers know little about the changes of scientific publishing, though they are the main actors. Therefore there is a need for concise and rapid information on scientific publishing.

## Survey design

We designed an electronic survey to easily collect and analyze topics of interest. The content of survey was clearly defined and questions had a clear purpose. We got results from 220 scientists from various disciplines. This sample size was large enough to reflect the general population of the Inra Environment and Agronomy Division.

## Common in scientific publication

When, where and how scientists communicate their work? What are their habits? How much do they publish, and what are the criteria for where they eventually decide to publish? What users hope to achieve by reading news on publishing and writing? Are social networks helpful?



## ABSTRACT

Because there are many fast changes in scientific publishing, scientists have no time to adapt without help. Therefore we set up in 2013 an original newsletter, entitled *Publier la Science* gathering breaking news and advices on publication, communication and edition. We defined topics of interest by a survey of 220 scientists of the Environment and Agronomy Division, INRA, France. Results show that major topics are writing, impact factors, open access, peer review, author rights, misconduct, publication models, meetings. We use those topics to find and select news with the Digimind software. The newsletter is then edited and published online in open access at [https://listes.inra.fr/sympa/d\\_read/veillecaps/](https://listes.inra.fr/sympa/d_read/veillecaps/)

## Strategic watch and information analysis

Media monitoring is the process of reading, watching or listening to the editorial content of media sources on a continuing basis, and then, identifying, saving and analyzing content that contains specific keywords or topics.

## Newsletter edition and diffusion

The 8-10 pages newsletter is prepared every 3 months. It is organized in 12 sub-sections : Editorial, News from Inra, Scientific writing, Impact factors, Open Access, Peer-review, Author rights and copyright, Ethics, Publication types, Seminars, Tools, and Humour. The electronic version is sent to subscribers, and deposited on the Department website.

## Identification of relevant sources and keywords

Internet news monitoring offers worldwide coverage in most languages. Many keywords are used to find information on scientific publishing.

high-impact	visibility	citations	scientific English
high-visibility	editors	Indicator	grammar
peer-review	prestige	impact measures	dissemination
highly cited	influence	promotion flow	communication
impact factor	metrics	author rights	audience...
impact quality	open Access	metrics	
ethics	evaluation	social media	
top quartile	h-index	research data	

### Key watched websites:

- European Association of Scientific Editors (EASE) journal blog
- International Committee of Medical Journal Editors (ICMJE)
- Committee On Publication Ethics (COPE)
- Journal Science Editing - <http://escienceediting.org/>
- AJE Expert Edge - <http://expertedge.journalexperts.com/>
- Groupe Français de l'Industrie de l'Information (GFI)
- My Science Work
- Scientific publishers websites (Nature, Elsevier, Springer...)
- Blog Rédaction Scientifique - Hervé Maisonneuve
- Blog Digital Science
- Blog Sharmanedit
- Blog lthenticate
- Blog Retraction watch
- Blog Scholarly Open Access - <http://scholarlyoa.com/>
- Blog Scholarly Kitchen

## Survey

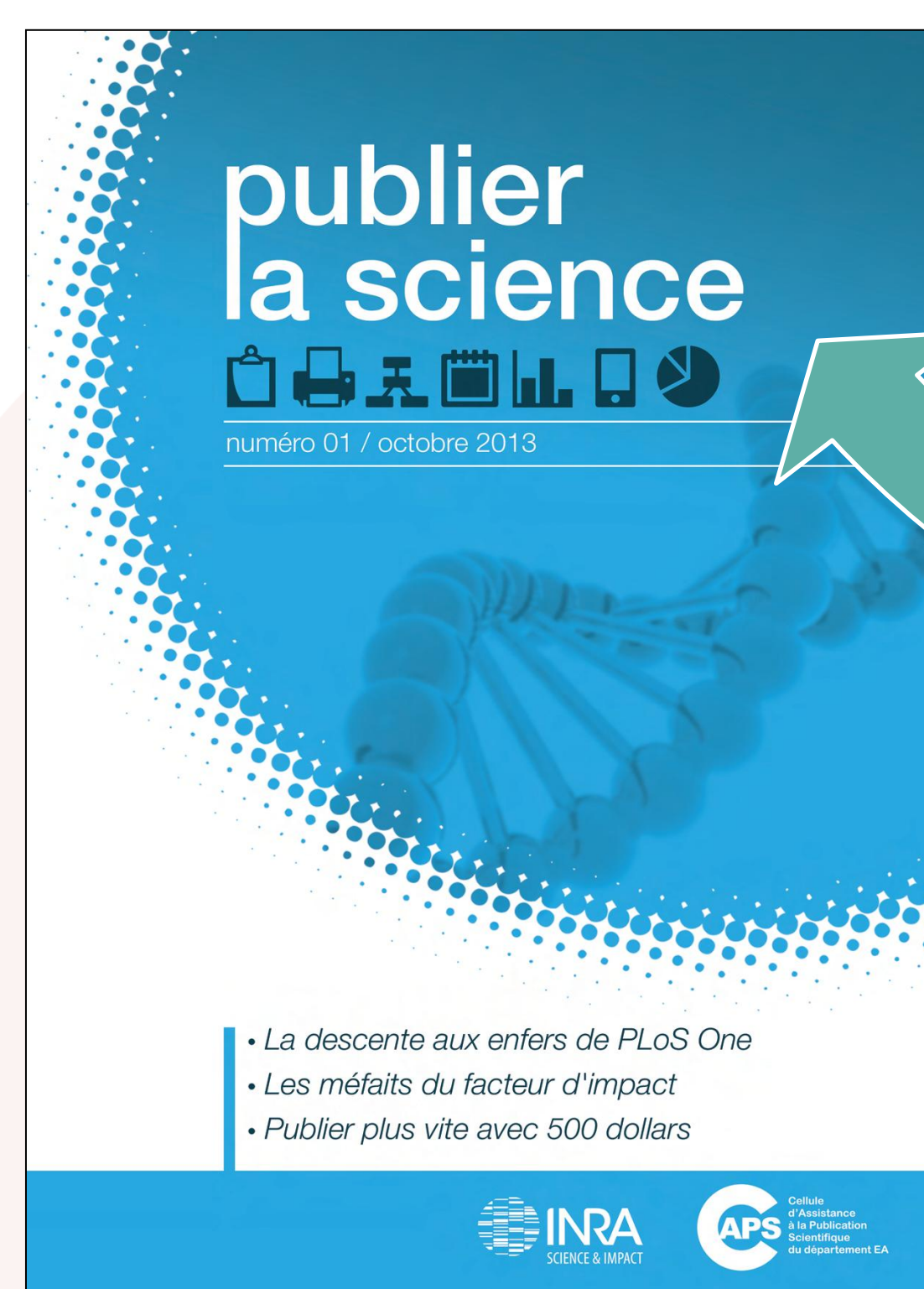
assessing user needs, satisfaction, and the impact of information provided

## Sourcing

media monitoring process starts with the search profile and the search terms or keywords

## STRATEGIC WATCH

## Diffusion of the newsletter



## Collecting and selecting

news and information with online software

**Digimind.**

## Edition

selection and organization of the newsletter content, and formatting

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