

Automated
Voluminous Textual Data Monitoring and Collection
System
(AVxCS v1.0)

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Automated (Voluminous/Velocity/Variety) Data Monitoring and Collection System

(AVxCS v1.0)

AMS has three levels:

Macro: Google Alerts /



As-it-happens, News, Blogs, Video, Books, Discussions, Finance

• Meso: Web of Science Notifications /



Weekly

• Micro: Twitter Feed / As it happens

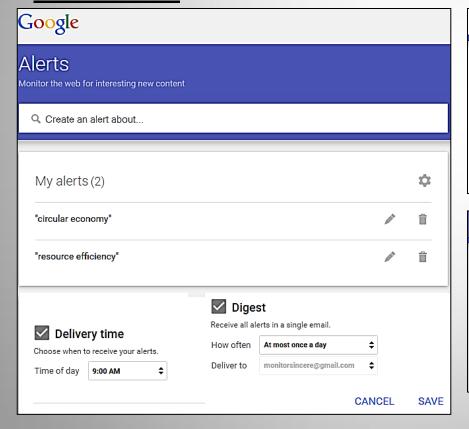


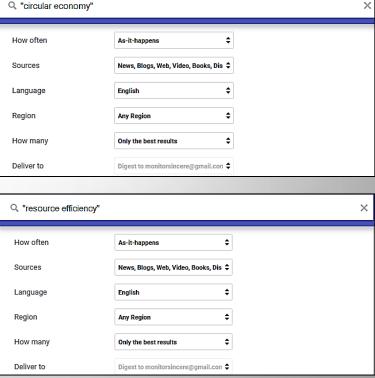
Requirement

Setting up a Gmail-like account, e.g. a..z@gmail.com

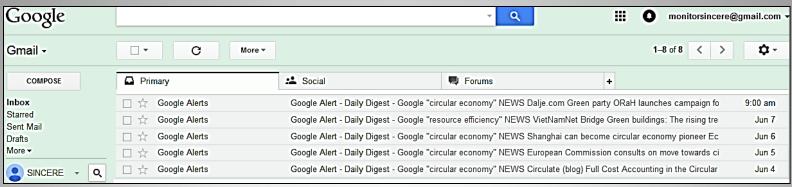
1 / STEPS (Macro)

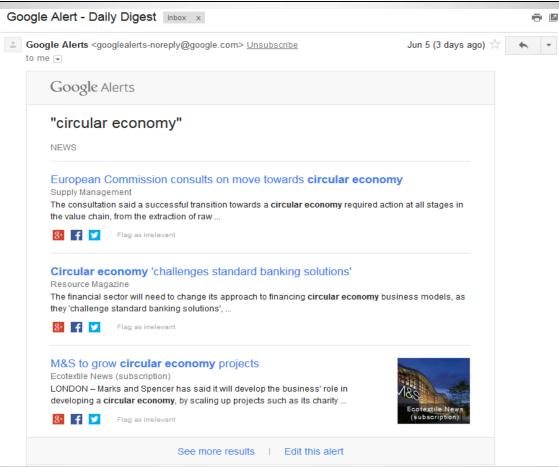
- Setting up Google Alerts https://www.google.com/alerts with certain keywords, e.g. circular economy, resource efficiency
- Features: As-it-happens, coverage: News, Blogs, Video, Books, Discussions, Finance, geographically global or single country and <u>linking these alerts to the Gmail account</u>





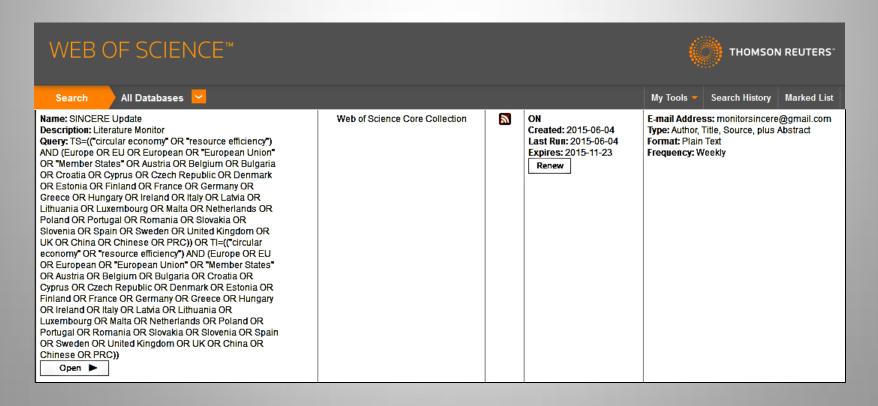
Receiving notifications and new content with links





2 / STEPS (Meso)

- Setting up a Web of Science
 - http://apps.webofknowledge.com/UA_GeneralSearch_input.do?product=UA&search_mode=GeneralSearch&SID=U1hGxs6wviJCTTF
 nbrU&preferencesSaved query with certain keywords e.g. circular economy, resource
 efficiency with geographical focus and linking these WoS notifications to the
 Gmail account,
- Information on Author, Title, Source, plus Abstract will be collected and weekly is fed to the email account



Receiving notifications and new WOS content with links

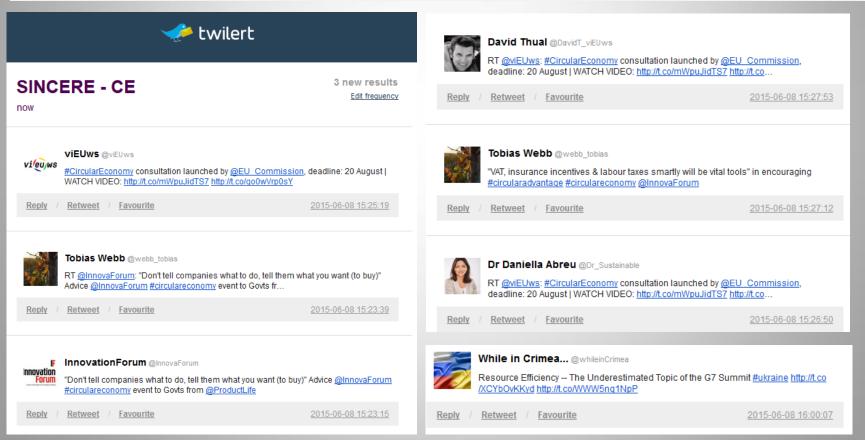
_ * * *	noreply Inbo	Web of Science Alert - SINCERE - Web of Science Search Alert Y	Jun 4
_ * * *	noreply	Web of Science Alert - SINCERE - Web of Science Search Alert Y	May 28
□ ☆ > >	noreply	Web of Science Alert - SINCERE - Web of Science Search Alert Y	May 21

noreply@isiknowledge.com Jun 4 (4 days ago) 💢 🔸	Abstract:
to me ▼	Loss of recoverable resources in linear resource flow systems is likely
Web of Science Search Alert	to contribute to the depletion of natural resources and environmental
	degradation. The 'waste hierarchy' in the *European* Commission's latest Waste Framework Directive 2008/98/EC (WFD2008) makes recommendations on
Υ	how to address this issue. The WFD2008 is analysed in this work for its
Product: Web of Science	adequacy in ensuring return of 'recoverable waste' as a 'resource' into
History Name: SINCERE	the productive system. Despite the release of guidance documents by the
Description: Alert	DG Environment, DEFRA and WRAP UK on the interpretation of key
Alert Expires: 16 OCT 2015	provisions of the WFD2008, lack of clarity still exists around the WFD2008 waste hierarchy. There is also an overlap between measures
Alert Query: TOPIC: ("circular economy" OR "resource efficiency" AND (Europe OR EU OR European OR China OR Chinese OR PRC)) <i>OR Chinese OR PRC)) <i>OR ("circular economy" OR "resource efficiency" AND (Europe OR EU OR European OR China OR Chinese OR PRC))</i></i>	such as 'prevention' and 'reduction', 'preparing for reuse' and 'reuse'
China OR Chinese OR PRCI)	and lack of clarity on why the measure of 'reuse' is included in the
Results Found: 3 new records were found this week (3 in this e-mail)	WFD2008 definition of 'prevention'. Finally, absence of the measures of
Organization ID: c19df8a8bd364f2fc3bd7a8ead53021f	'recovery' and 'reuse' from the WFD2008 'waste hierarchy' reduces its
Note: Instructions on how to purchase the full text of an article and Thomson Reuters Science Support Contact information are	effectiveness as a *resource efficiency* tool. Without clarity on the
at the end of the e-mail.	WFD2008 'waste hierarchy', it is challenging for decision makers to take direct action to address inefficiencies existing within their operations
	or supply chains. This paper proposes the development of an alternative
*Record 1 of 3. Search terms matched: EUROPEAN(2); RESOURCE EFFICIENCY(1)	'hierarchy of resource use' and alternative 'definitions' that attempt
*View Full Record: http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&	to fill identified gaps in the WFD2008 and bring clarity to the key
SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000354152300033 *Order Full Text []	measures of waste prevention, reduction and recovery. This would help
	the key stakeholders in driving resource effectiveness, which in turn
Title:	would assist in conservation of natural resources and prevention of environmental degradation. (c) 2015 Elsevier Ltd. All rights reserved.
Analysis of waste hierarchy in the *European* waste directive 2008/98/EC	environmental degradation. (c) 2013 Eisevier Etd. Air rights reserved.
Authors:	ISSN:
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Hillier, Graham	CHOING
Source:	Unique ID:
WASTE MANAGEMENT, 39 305-313; 10.1016/j.wasman.2015.02.007 MAY 2015	WOS:000354152300033
Language:	
English	PubMed ID:
-	25725949

3 / STEPS (Micro)

- Setting up a Twitter Alert query with certain keywords e.g. circular economy, resource efficiency and linking these alerts to the Gmail account
- Information on normal or verified accounts is fed real time to the email

	Twilert (51)	Twilert: SINCERE - CE - SINCERE - CE now 11 new results Edit frequency Wizeimpact @Wizeimpact RT @Valued	3:56 pm
□☆	Twilert (33)	Twilert: SINCERE - RE - SINCERE - RE now 2 new results Edit frequency Brigade Electronics @BrigadePLC RT @	3:52 pm
	Twilert (61)	Twilert: SINCERE - CE - SINCERE - CE now 2 new results Edit frequency ReMaTecShow @ReMaTecShow RT @Bi	11:06 am

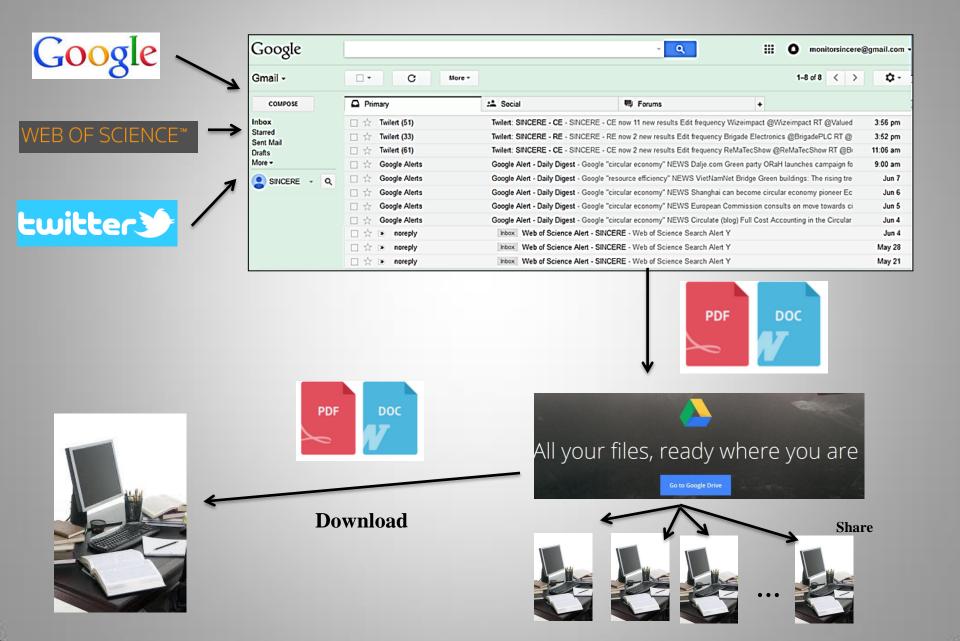


AVxCS – the last step

- Automatically saving these emails to Google Drive as pdf or doc, automatically merging them all into one file (connect APP) and sharing/downloading *The File* to work on/process.
- How to: http://www.labnol.org/internet/save-gmail-in-google-docs/21045/

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1								
2								
3		Save Gmail as PDF by ctrlq.org						
4		Gmail Label to monitor for ema						
5		Google Drive folder where PDFs	will be saved	Gmail Messages				
6								
7		The premium edition can also save email attachments to your Google Drive, it renders the inline images in the PDF and the Go Premium						
€ 8		Google Drive, it renders the inline conversation thread is also prese						
9								
10		twitter: @labnol	web: ctrlq.orq	amit@labnol.orq				
11								
12								
13								
	Add 1000 more rows at bottom.							

AVxCS – An Overall Look



Thank you for your attention