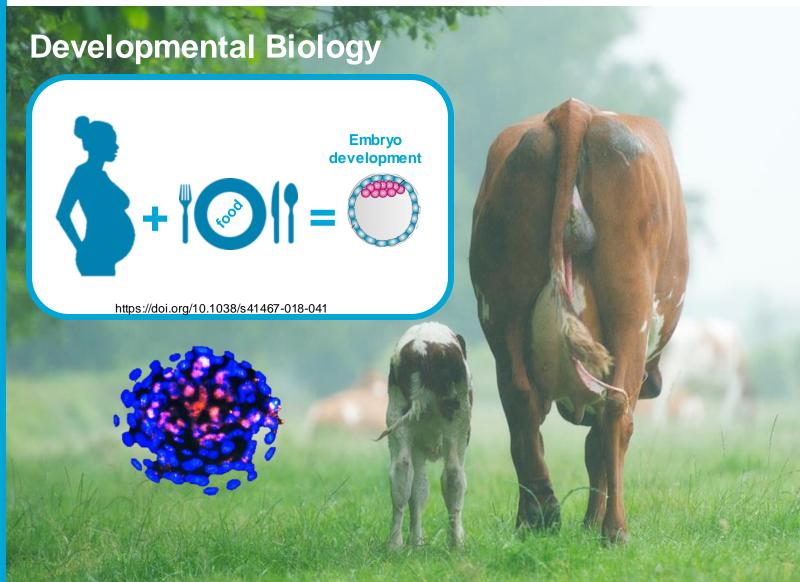


About Me









I'd like to share my writing 'experience' with you...

(I'm no expert!)



Engaging Data Champions

- What is a 'Data Champion'?
- Approach via email
- Arrange one-to-one interviews
- Write the article to reward and recognise their efforts and achievements
- Published to the Open Working blog...



Dedicated to the...

Data Champions

This page is dedicated to our <u>Data Champions</u> who provide local expertise and promote good research data management (RDM) within their departments and faculties at TU Delft.



Illustration by Connie Clare

• <u>'Starting small and thinking big: A Quantum Tinkerer's quest to mentor Open Science'</u> – Anton Akhmerov takes us on a journey towards Open Science.



What is the purpose?

What are you writing?

A report?
An event blog?
An interview article?

T Writing.

Who is the audience?

Who will read it?

What do they already know?
What do you expect them to learn?
Keep your audience in mind as you write.

If in doubt...
Write it so your
grandmother can
understand it



Think! What story do you want to tell?



Interviewing Data Champions: Create content for your story!

What is their research about?

How do they engage researchers with research data?

How, when and why do they share data? How do they mentor others?



What are their motivations

for becoming Data Champions?

Why do they advocate for proper RDM and Open Science?

What are their future goals and aspirations?



Record and transcribe...

Don't try and include it all.

(Pick out key points. What would you want to read?)



A beginning: 'the lead'

WHO? WHAT? WHERE? WHEN? WHY? HOW?

Hook the reader.
Give them the essentials in two short paragraphs.

Write a good story.

An end: 'the tail'

SUMMARISE YOUR STORY. FLAG RELATED CONTENT.

Highlight future aims and objectives to inspire the reader and leave them eager to learn more...

A middle: 'the body'

CRUCIAL INFORMATION.

Structure the story. Capture the main points.

Provide detailed evidence.

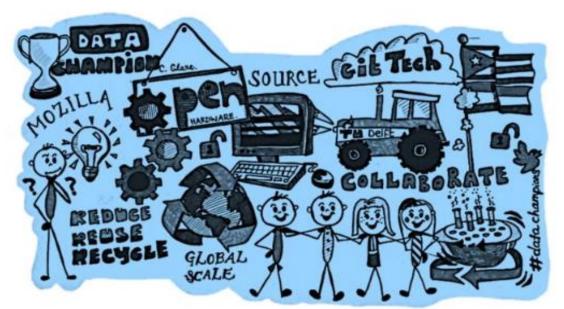
Use "quotes", photos and videos to support your story.



Key points:
Use: plain language,
short sentences.
short paragraphs and
a catchy title.



Reduce, Reuse, Recycle knowledge: How open hardware can help to build a more sustainable future. Use of alliteration and familiar terminology...



A beginning: 'the lead'

Written and illustrated by Connie Clare

What?

Where?

Who?

When?



The benefits of open hardware

José Carlos Urra Llanusa from the Faculty of Industrial Design and Engineering shares his vision of open hardware with TU Delft Library.

Industrial and interaction designer from Cuba, José Carlos Urra Llanusa, recently joined our team of <u>Data Champions</u> at <u>TU Delft</u> to share his engineering and programming expertise. Here, he tells us more about his passion for using open hardware to promote sustainable development and to facilitate a circular economy where resources are not discarded but are repaired, improved and reused to reduce waste.

Why?

How?

A middle: 'the body'

To build an open future, we must understand the past

*Adopting an intellectual property-oriented mindset is not something I see as negative or bad; it's just a culture based on history," he adds. The message is clear that if we are to facilitate a transition towards an area suffers they we must appreciate the concerns of those who are unwilling to change old habits and cooper into a new way of thinking. Urra Llanusa believes that "The success of open source advancements are obvious. We can learn a lot from the history of the internet since force behind the open source developments."

Working with the future generation

With a strong interest in education, Urra Llanusa, is currently involved in the plannir aeronautical and industrial design engineer, Dr. Ir. Bas Flipsen. Urra Llanusa also n. students at TU Delft to teach them the basics on how to use Git (a distributed versic source code) and OpenSCAD (a software for creating 3D computer aided design (C three Masters programmes (Design for Interaction, Integrated Product Design and § workshops to learn how to work in collaboration using OpenSCAD, Git and GitHut publically available and meant to be replicated, reused, improved by other instructo



A 'hands-on' approach: problem-solvi

Aside volunteering his skills and expertis that have social and sustainable impact ti

Remember: Quotes **Photos** Figures... Links to resources!

open hardware projects

ions (& open source

things), a project that documents the designs and developmental processes of open hardware, such as agricultural and manufacturing machines (Figure 1). Since these designs are made publically available on GitLab repositories, anyone can use and modify them to create working solutions. Click here to see the work that's been achieved!

HOW WE USE OPEN SOURCE TO CREATE ECONOMIC AND SUSTAINABLE IMPAC

PROBLEMS :

5. Lick of mureness about the potential of open course workflows to solve contemporary problems and reach justalnable development

2. Limited scaling model for open hardware projects secumentation and decentralized decion



SOLUTIONS TO

Use a common workflow and took, based on giT+github

provide and teach others a standard scatable and flexible workflow for design communities

KEY METRICS

- num, of contributions per month num, of mature reposit-
- num of design replications and fabrications
- rum, of project leads - High documentation and workflow standards

USER PROFILES

- Fabricators and producers C
- manufacturing businesses Technologists and engineers
- sustainable development agencies
- communities of practice and associations (farmers, scientists, teachers,)

HOW WE WANT TO HELP SOLVE PROBLEMS we provide and teach how to use open design documentation

and workflow standards using github as a main took. This

allows us to create design repositories in a scalable, con-

current and collective fashion, we work with our users incor-

porating their feedback coming from replicating the specific

USER CHANNELS

- gepositories readmens and documentation
- Repository "issues"+ comments section
- Gitter Goldonmans chat
- Github and gitter customized
- notification services.

RESOURCES REQUIRED

- pecent internet speed and computer
- Git and github knowledge
- proper abcumentation guidelines and hest practices
- specific tooks for collaboration like precease open
- Design Documents that can be read like drawings of parts in a pof or image formul.
- Community Leads, project Leads and contributors



CONTRIBUTOR PROFILES

- Lead users and product impovators
- gludents and teachers
- Activists and Leaders
- Engineers, Designers and Developers
- project managers, scrum managers, product
- gesearch communicies
- writers, graphic designers and communication experts, translators

CONTRIBUTOR CHANNELS

- gepoikery contributing guidelines+ open source guides
- Repository "Issues"+ comments section
- Gitter Golcommons chat.
- Githup and gitter customized natification services,



Figure 1. An overview of the Go!Commons project on open hardware.

An end: 'the tail'

A sustainable future Reference to the future...

Following two rounds of serving as a mentor for the Mozilla Open Leaders programme, Urra Llanusa plans to launch his own Open Leaders programme through the next phase called <u>Open Leaders X</u>. The course teaches participants how to conduct their own community-run Open Leaders programme and offers an exciting opportunity for leaders to learn and improve open hardware practices.

Urra Llanusa concluded our conversation on using open hardware to build a sustainable future with some words of wisdom: "The best things can happen spontaneously. You can have a goal or an idea but then you have to knock on doors and talk to people in order to build a network. People can work together to create a community; it's important to engage with all kinds of people. – That's worked for me."

"The best things can happen spontaneously. You can have a goal or an idea but then you have to knock on doors and talk to people in order to build a network. People can work together to create a community; it's important to engage with all kinds of people. – That's worked for me."

— URRA LLANUSA, Industrial Design and Engineering Data Champion

Use of a motivational quote...

Leave your reader inspired and interested!



Take home messages

(12 top tips from the non-expert!)



MY 12 TOP TIPS...

- 1. Prepare for your interview. Know who you're meeting.
- 2. Plan your questions. Create your own content.
- 3. Record and transcribe. Capture those quotes!
- 4. Structure your story. Have a beginning, middle and end.
- 5. Just Write! You don't have to start at the beginning.
- 6. Set writing goals. Work to realistic deadlines.
- 7. Every writer is a reader. Do your research as you write.
- 8. Jot down ideas. Use voice recordings or notes apps.
- 9. Use plain language. Keep it succinct.
- 10. Keep a thesaurus handy. Everyone loves a synonym!
- 11. Keep your article short and sweet. Use short sentences.
- 12. Read your writing out loud. Get into rhythm!













Thank you for listening!

