



národní
úložiště
šedé
literatury

OA k vědeckým publikacím a výzkumným datům v Horizontu 2020

Kratěnová, Jana
2015

Dostupný z <http://www.nusl.cz/ntk/nusl-200840>

Dílo je chráněno podle autorského zákona č. 121/2000 Sb.

Licence Creative Commons Uveďte původ-Neužívejte komerčně-Zachovejte licenci 4.0

Tento dokument byl stažen z Národního úložiště šedé literatury (NUŠL).

Datum stažení: 27.03.2019

Další dokumenty můžete najít prostřednictvím vyhledávacího rozhraní nusl.cz .



This presentation is licensed under the Creative Commons licence: CC-BY-SA-4.0 (<http://creativecommons.org/licenses/by-sa/4.0/>), via <http://invenio.nusl.cz/record/200840>

Open Access to scientific publications and research data in Horizon 2020

8th Conference on grey literature and repositories
21 October 2015, Prague

Jana Kratěnová
National Point of Reference for OA
National Contact Point for Legal Issues of Horizon 2020

OPEC ACCESS TO SCIENTIFIC INFORMATION IN HORIZON 2020

HORIZONT 2020

- The largest and most significant programme supporting science, research and innovation at European level during years 2014-2020; follows and is linked to FP7

Open Access = OA

- *practice of providing on-line access to scientific information that is free of charge to the end-user and that is re-usable*

**Scientific
publications**

Research data



OPEC ACCESS TO SCIENTIFIC INFORMATION IN HORIZON 2020

OPEC ACCESS TO SCIENTIFIC INFORMATION IN HORIZON 2020

HORIZONT 2020

- The largest and most significant programme supporting science, research and innovation at European level during years 2014-2020; follows and is linked to FP7
-

OPEC ACCESS TO SCIENTIFIC INFORMATION IN HORIZON 2020

HORIZONT 2020

- The largest and most significant programme supporting science, research and innovation at European level during years 2014-2020; follows and is linked to FP7

Open Access = OA

- *practice of providing on-line access to scientific information that is free of charge to the end-user and that is re-usable*
-

OPEC ACCESS TO SCIENTIFIC INFORMATION IN HORIZON 2020

HORIZONT 2020

- The largest and most significant programme supporting science, research and innovation at European level during years 2014-2020; follows and is linked to FP7

Open Access = OA

- *practice of providing on-line access to scientific information that is free of charge to the end-user and that is re-usable*

**Scientific
publications**



OPEC ACCESS TO SCIENTIFIC INFORMATION IN HORIZON 2020

HORIZONT 2020

- The largest and most significant programme supporting science, research and innovation at European level during years 2014-2020; follows and is linked to FP7

Open Access = OA

- *practice of providing on-line access to scientific information that is free of charge to the end-user and that is re-usable*

**Scientific
publications**

Research data



OPEC ACCESS TO SCIENTIFIC INFORMATION IN HORIZON 2020

HORIZONT 2020

- The largest and most significant programme supporting science, research and innovation at European level during years 2014-2020; follows and is linked to FP7

Open Access = OA

- *practice of providing on-line access to scientific information that is free of charge to the end-user and that is re-usable*

**Scientific
publications**

Research data

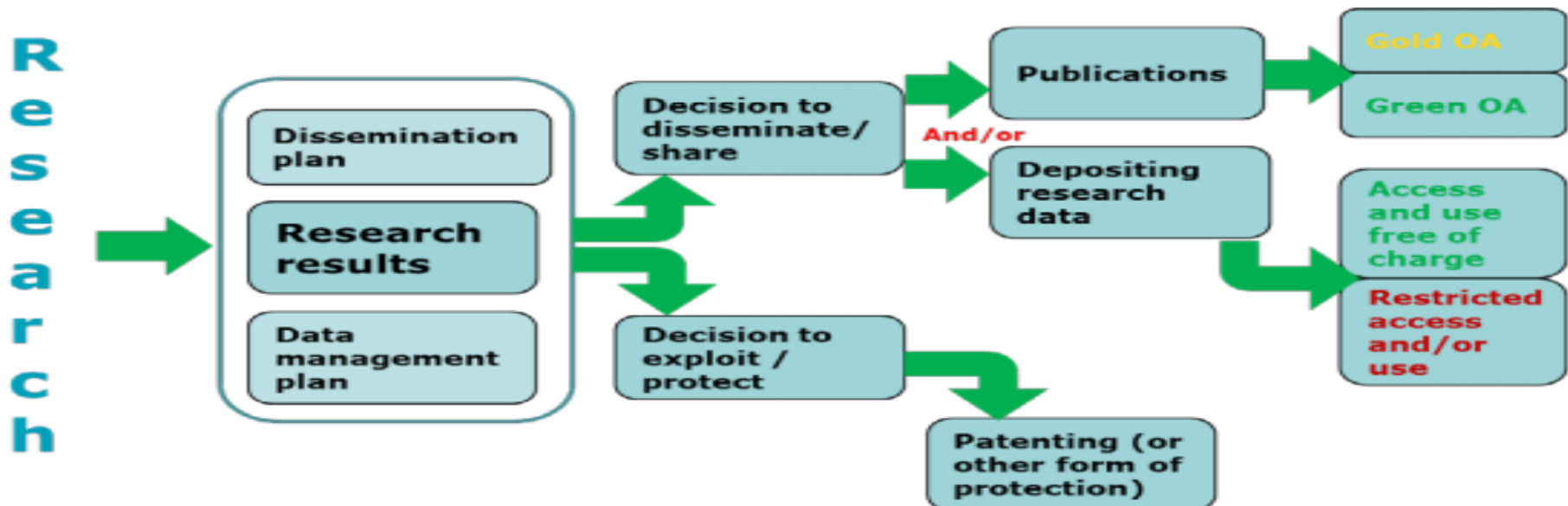


OPEN ACCESS to scientific publications

- **NO** obligation to publish on project results
 - **IF** decision to publish – then Open Access regime applies
 - TWO options
 - **GOLD OA**
 - **GREEN OA**
-

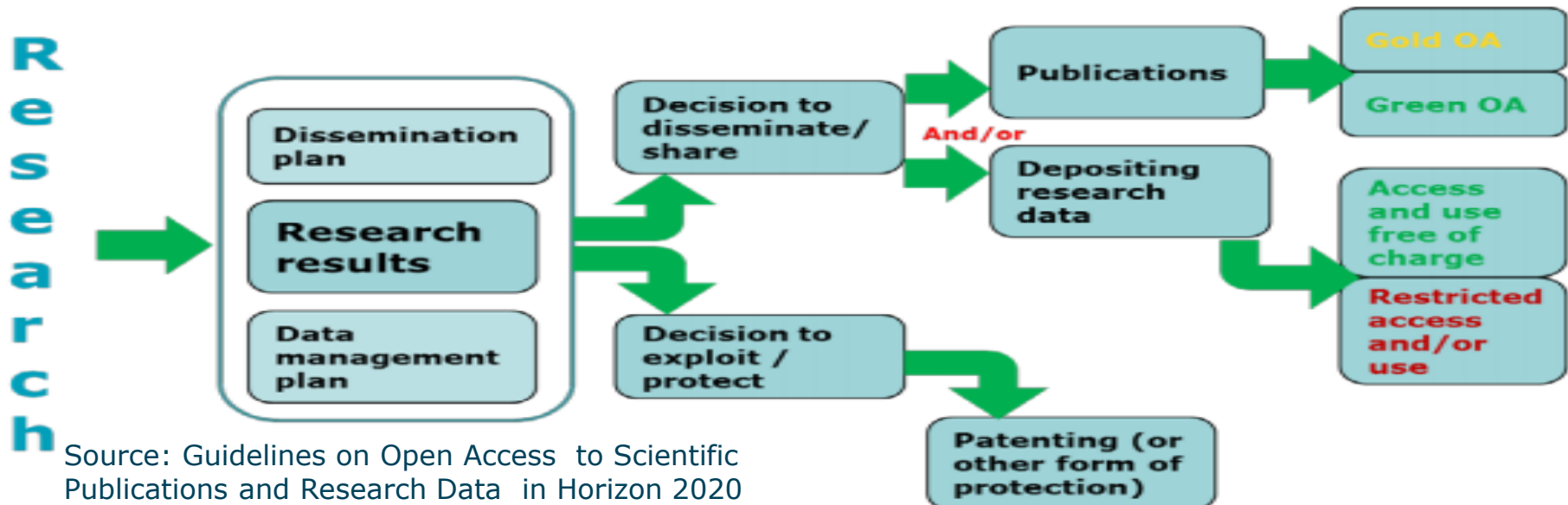
OPEN ACCESS to scientific publications

- **NO** obligation to publish on project results
- **IF** decision to publish – then Open Access regime applies
- TWO options
 - **GOLD OA**
 - **GREEN OA**



OPEN ACCESS to scientific publications

- **NO** obligation to publish on project results
- **IF** decision to publish – then Open Access regime applies
- TWO options
 - **GOLD OA**
 - **GREEN OA**



OPEN ACCESS to scientific publications

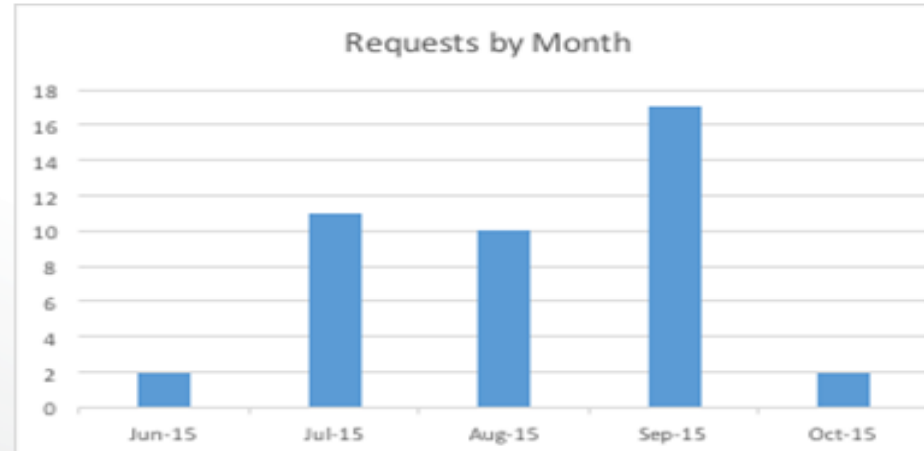
- **NE** povinnost publikovat o výsledcích
 - **POKUD** publikování – v režimu otevřeného přístupu
 - DVA modely:
 - **GOLD OA**
 - **GREEN OA**
 - **WHAT** - *all peer-reviewed scientific publications (research articles) relating to its results*
 - **HOW** – read online, download, print
 - provide other rights if possible
 - **FINANCE?** – eligible costs - **GOLD OA**
 - FP7 post-grant Open Access publishing funds pilot;
<https://www.openaire.eu/postgrantoapilot>
-

OPEN ACCESS to scientific publications

172 total requests

44 approved and paid

Total amount spent (June-Oct 2015): 57K



Zdroj: prezentace Jarkko Siren, „The EC/OpenAIRE FP7 Post-Grant Open Access Pilot:An Update“, 3rd Meeting of the NATIONAL POINTS OF REFERENCE for SCIENTIFIC INFORMATION NETWORK, October 13, 2015; Brusel

– FP7 post-grant Open Access publishing funds pilot;
<https://www.openaire.eu/postgrantoapilot>

OPEN ACCESS to scientific publications

PROCEDURE

- 1. Upload into repository** - *a machine-readable electronic copy of the published version or final peer-reviewed manuscript accepted for publication*
 - At the time of publishing at the latest; incl. GOLD
 - No need to make available (yet)
-

OPEN ACCESS to scientific publications

PROCEDURE

1. Upload into repository - *a machine-readable electronic copy of the published version or final peer-reviewed manuscript accepted for publication*

- At the time of publishing at the latest; incl. GOLD
- No need to make available (yet)

2. Must aim to deposit - *underlying data*

- At the same time as 1.
 - No need to make available – no obligation
-

OPEN ACCESS to scientific publications

PROCEDURE

3. Making available = Open Access

- **GOLD** – at the time of publishing
 - **GREEN** – 6/12 months after publishing (*embargo period*)
-

OPEN ACCESS to scientific publications

PROCEDURE

3. Making available = Open Access

- **GOLD** – at the time of publishing
- **GREEN** – 6/12 months after publishing (*embargo period*)

4. Make available also bibliography metadata

- Programme title
 - Project title, abbreviation, Grant agreement number
 - Publishing date, length of embargo period
-

OPEN ACCESS **to scientific publications**

OPEN ACCESS to scientific publications

FP7	H2020
OA to scientific publications	OA to scientific publications
<ul style="list-style-type: none"> • Specific areas of FP7 (approximately 20% of FP7 budget) 	<ul style="list-style-type: none"> • Whole H2020
<ul style="list-style-type: none"> • „Best-effort“ obligation 	<ul style="list-style-type: none"> • Full OA obligation
<ul style="list-style-type: none"> • Eligible costs 	<ul style="list-style-type: none"> • Eligible costs + OA post-grant fund (publications as FP7 project results)

OPEN ACCESS to research data

Data

- Information, in particular facts or numbers, collected to be examined and considered and as a basis for reasoning, discussion, or calculation;
 - Examples of data - statistics, results of experiments, measurements, ... ;
 - Digital form
-

OPEN ACCESS to research data

Data

- Information, in particular facts or numbers, collected to be examined and considered and as a basis for reasoning, discussion, or calculation;
- Examples of data - statistics, results of experiments, measurements, ... ;
- Digital form

- **Underlying data**
 - **Other data**
-

OPEN ACCESS to research data

Data

- Information, in particular facts or numbers, collected to be examined and considered and as a basis for reasoning, discussion, or calculation;
- Examples of data - statistics, results of experiments, measurements, ... ;
- Digital form

- **Underlying data**
- **Other data**

FP7

OA to research data

- ERC Guidelines
- Financing of projects and studies on OA topic

H2020

OA to research data

- Pilot projects
- Financing of projects and studies on OA topic

OPEN ACCESS to research data

H2020 – **pilot projects**, set out in work programme/call

OPEN ACCESS to research data

H2020 – **pilot projects**, set out in work programme/call

- Areas of 2016-2017 work programme which participates at Open Research Data Pilot:
 - Future and Emerging Technologies
 - Research infrastructures – (**new**: coverage of the whole area)
 - Leadership in enabling and industrial technologies – Information and Communication Technologies
 - Nanotechnologies, Advanced Materials, Advanced Manufacturing and Processing, and Biotechnology: ‘nanosafety’ and ‘modelling’ topics (**new**)
 - Societal Challenge: Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy - selected topics as specified in the work programme (**new**)
-

OPEN ACCESS to research data

H2020 – **pilot projects**, set out in work programme/call

- Areas of 2016-2017 work programme which participates at Open Research Data Pilot (cont.):
-

OPEN ACCESS to research data

H2020 – **pilot projects**, set out in work programme/call

- Areas of 2016-2017 work programme which participates at Open Research Data Pilot (cont.):
 - Societal Challenge: Climate Action, Environment, Resource Efficiency and Raw materials – except raw materials
 - Societal Challenge: Europe in a changing world – inclusive, innovative and reflective Societies
 - Science with and for Society
 - Cross-cutting activities - focus areas – part Smart and Sustainable Cities (**moved from Energy WP**)
-

OPEN ACCESS to research data

H2020 – **pilot projects**, set out in work programme/call

- Areas of 2016-2017 work programme which participates at Open Research Data Pilot (cont.):
 - Societal Challenge: Climate Action, Environment, Resource Efficiency and Raw materials – except raw materials
 - Societal Challenge: Europe in a changing world – inclusive, innovative and reflective Societies
 - Science with and for Society
 - Cross-cutting activities - focus areas – part Smart and Sustainable Cities (**moved from Energy WP**)

Voluntary participation is possible

OPEN ACCESS to research data

PROCEDURE

1. Obligation to **upload data into repository**;
2. Obligation **to take measures to enable for third parties** to access, mine, exploit, reproduce and disseminate (free of charge for any user) this research data:
 - *Underlying data*
 - *Other data* (data management plan - Annex I.)
 - Always incl. relevant metadata
3. Should **provide information via the chosen repository about tools and instruments** at the disposal of the beneficiaries and necessary for validating the results

OPEN ACCESS to research data

EXCEPTIONS – when is it possible to „opt-out“?

- Project results IP protection
- Confidentiality
- Security area projects
- Personal data protection
- Other legitimate reason for „opt-out“

OPEN ACCESS to research data

EXCEPTIONS – when is it possible to „opt-out“?

- Project results IP protection
- Confidentiality
- Security area projects
- Personal data protection
- Other legitimate reason for „opt-out“

**Opting-out
does not
disadvantage
an applicant
during evaluation**

OPEN ACCESS to research data

EXCEPTIONS – when is it possible to „opt-out“?

- Project results IP protection
- Confidentiality
- Security area projects
- Personal data protection
- Other legitimate reason for „opt-out“

**The reasons
are not
checked by the EC**

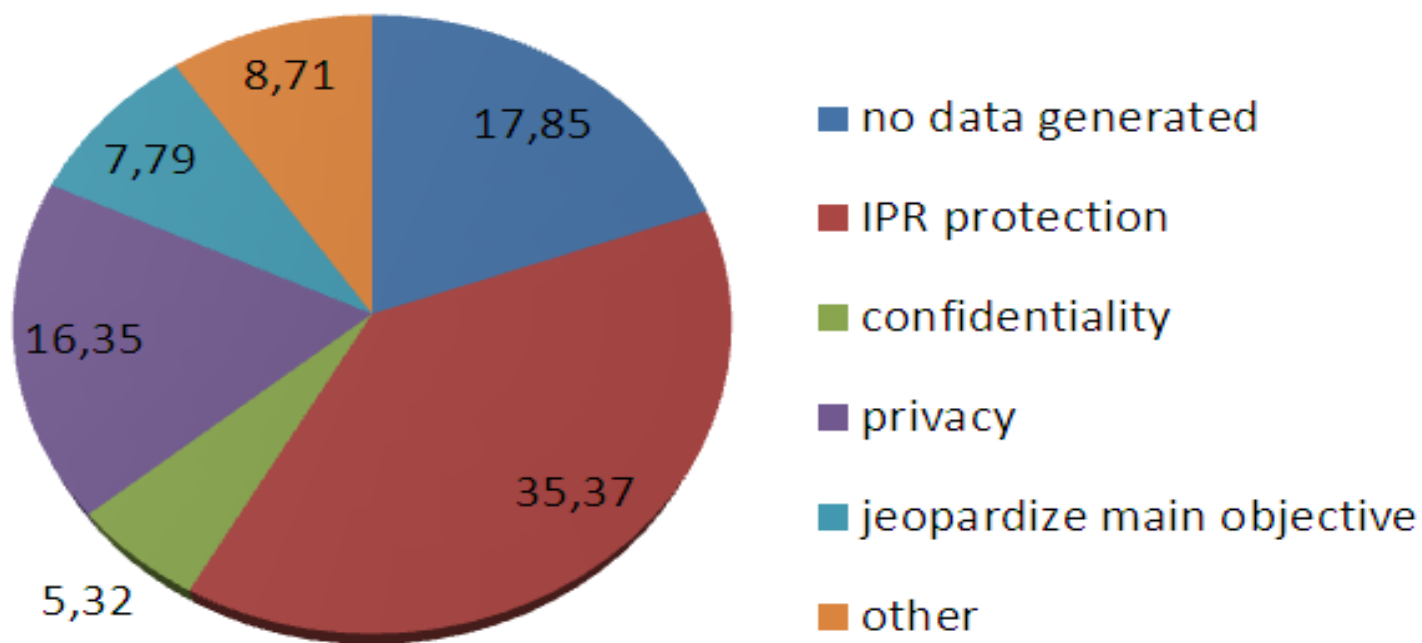
**Opting-out
does not
disadvantage
an applicant
during evaluation**



ORD Pilot: take-up in first calls of H2020

- Basis: 3699 Horizon 2020 **signed grant agreements**
- Calls in core-areas: opt out **34,6%** (149/431)
 - In other words 65,4% of projects in the core areas participate in the ORD pilot.
- Other areas: voluntary opt in **11,9%** (409/3268)
 - Limited divergence from 2014 proposal figures but larger dataset used
 - Note that 100% participation is not feasible or even desirable (e.g. not all projects generate data)

ORD Pilot: opt-out reasons among proposals



OPEN ACCESS to research data

- **Data Management**

- If relevant – project proposal must contain part on „data management“ – evaluated as part of „Impact“
- Describe following:

- **Data Management**

- If relevant – project proposal must contain part on „data management“ – evaluated as part of „Impact“
- Describe following:

What types of data will the project generate/collect?

What standards will be used?

How will this data be exploited and/or shared/made accessible for verification and re-use? If data cannot be made available, explain why.

How will this data be curated and preserved?

- **Data Management**

- If relevant – project proposal must contain part on „data management“ – evaluated as part of „Impact“
- Describe following:

What types of data will the project generate/collect?

What standards will be used?

How will this data be exploited and/or shared/made accessible for verification and re-use? If data cannot be made available, explain why.

How will this data be curated and preserved?

OPEN ACCESS to research data

- **Data Management Plan (DMP)**

- Frequently as separate project deliverable - 6M of a project
- Describes how data will be dealt with during a project and afterwards
- Obligatory – within pilot H2020 projects
- Not obligatory – within other H2020 projects

- **Data Management Plan (DMP)**
 - Frequently as separate project deliverable - 6M of a project
 - Describes how data will be dealt with during a project and afterwards
 - Obligatory – within pilot H2020 projects
 - Not obligatory – within other H2020 projects
- Beneficiaries may at any time decide not to participate at Open Research Data pilot
 - Describe reasons in DMP



TECHNOLOGICKÉ
CENTRUM AV ČR



OTEVŘENÝ PŘÍSTUP
K VĚDECKÝM INFORMACÍM
V HORIZONTU 2020



OTEVŘENÝ PŘÍSTUP
K VĚDECKÝM INFORMACÍM
V HORIZONTU 2020



[http://www.h2020.cz/files/kotoucek
/open-access-stranky-linky.pdf](http://www.h2020.cz/files/kotoucek/open-access-stranky-linky.pdf)

OTEVŘENÝ PŘÍSTUP
K VĚDECKÝM INFORMACÍM
V HORIZONTU 2020



oa@tc.cz

<http://www.h2020.cz/files/kotoucek/open-access-stranky-linky.pdf>

OTEVŘENÝ PŘÍSTUP
K VĚDECKÝM INFORMACÍM
V HORIZONTU 2020



[http://www.h2020.cz/files/kotoucek
/open-access-stranky-linky.pdf](http://www.h2020.cz/files/kotoucek/open-access-stranky-linky.pdf)

oa@tc.cz

Jiří Kotouček

kotoucek@tc.cz

Jana Kratěnová

kratenova@tc.cz

OTEVŘENÝ PŘÍSTUP
K VĚDECKÝM INFORMACÍM
V HORIZONTU 2020



<http://www.h2020.cz/files/kotoucek/open-access-stranky-linky.pdf>



oa@tc.cz

Jiří Kotouček

kotoucek@tc.cz

Jana Kratěnová

kratenova@tc.cz

Technologické centrum AV ČR
Ve Struhách 27, 160 00 Praha 6
www.tc.cz www.h2020.cz