



Co-financed by the EC
 DIRECTORATE-GENERAL HUMANITARIAN AID AND CIVIL
 PROTECTION – ECHO

AGREEMENT NUMBER - ECHO/SUB/2015/718655/PREV28

KnowRISK

Know your city, Reduce seISmic risK through non-structural elements

Prevention and preparedness projects in civil protection and marine pollution. Prevention Priorities

Deliverable Report

Deliverable D3 – On-going Social Impact Assessment report

Task D – Going into target-communities

Deliverable/Task Leader: LNEC & INGV/ LNEC & IST

Revision:

March 2018

Project co-funded by the European Commission – Civil Protection Financial Instrument		
Dissemination Level		
PU	Public	x
PP	Restricted to other programme participants (including the Commission Services)	
RE	Restricted to a group specified by the consortium (including the Commission Services)	
CO	Confidential, only for members of the consortium (including the Commission Services)	

Preface

**This report contains guidelines for formatting a KnowRISK
Deliverable Report using *Word*.**

Deliverable Contributors

LNEC: Delta Sousa e Silva, Marta Vicente, Álvaro Pereira

INGV: Massimo Crescimbene, Gemma Musacchio, A. Pino

EERC: Rajesh Rupakhety

TABLE OF CONTENTS

1. DESCRIPTION OF THE DELIVERABLE	9
1.1 INTRODUCTION	9

LIST OF TABLES

LIST OF FIGURES

1.DESCRPTION OF THE DELIVERABLE

1.1 Introduction

This deliverable was planned to present the design, implementation and testing of an assessment tool. This was included in the April 2017 draft version. However in its final version we have merged the two deliverable D3 and E5 in order to provide a thorough perspective concerning the building and the performance of the KnowRISK tool to assess efficacy of risk communication campaigns. Here we include (1) the common questionnaire implemented by KnowRISK that is linked to the project portal (2) the ItaQ questionnaire (on-line in Italian only at <https://docs.google.com/forms/d/1cCInin48zT3mLMRzLzb01qhK7rT2ouIz9Cb0II0cfOw/edit#responses>) and (3) the LisQ. The common questionnaire presented in this document can also be found at <https://docs.google.com/forms/d/1D4vz3qkXnj8dVBZqOUcpglfVmQRAJdNnVfn5w8i1n58/edit?ts=58c3e74f> in English and at <https://docs.google.com/a/ingv.it/forms/d/1eOcApQ0bZPGSKUxrscXd8a5LlZcVob4dzM92R-r5PVA/edit#responses> in Italian. The Icelandic version of the common questionnaire had small differences with respect the English and the Italian ones. These differences are related to peculiarity of Iceland and are discussed in the De-E5 deliverable.



KnowRisk Common Questionnaire

This survey aims to find out what you feel and know about earthquakes. It is a vital part of reducing earthquake risk at home and school. Your opinion is important and can help make you and others safer.



About you

1. **Age**

2. **Gender**

Mark only one oval.

- male
- female
- prefer not to say

3. **Municipality / Post Code where you live**

4. What is the strongest earthquake you have experienced

Mark only one oval.

- not felt
- weak (felt light trembling)
- fairly strong (windows rattle but no damage)
- strong (vibration, objects topple)
- damaging (building suffer damage)
- destructive (buildings collapse)

Your home

5. Construction home

Mark only one oval.

- masonry
- reinforced concrete
- other
- don't know

6. Age home

Mark only one oval.

- before 1919
- 1919-1960
- 1961-1985
- after 1985
- don't know

7. Floors home

Mark only one oval.

- 1
- 2-5
- more than 5
- don't know

8. Maintenance home

Mark only one oval.

- good
- poor
- don't know

9. **Building code home**

Mark only one oval.

- built to building code
- not built to building code
- don't know

How earthquake resistant is your home?

10. Mark only one oval.

	1	2	3	4	5	
unsafe	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	safe

What would happen in your home if there was an earthquake?

11. Mark only one oval.

	1	2	3	4	5	
nothing would fall	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	things would fall

12. Mark only one oval.

	1	2	3	4	5	
no damage to ceiling	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	ceiling collapses

13. Mark only one oval.

	1	2	3	4	5	
no damage to windows	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	windows break

Your school

14. **Construction school**

Mark only one oval.

- masonry
- reinforced concrete
- other
- don't know

21. *Mark only one oval.*

	1	2	3	4	5	
never worry	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	worry a lot

22. *Mark only one oval.*

	1	2	3	4	5	
don't fear at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	fear a great deal

How would you describe an earthquake in your home area?

23. *Mark only one oval.*

	1	2	3	4	5	
unlikely	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	likely

24. *Mark only one oval.*

	1	2	3	4	5	
weak	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	strong

25. *Mark only one oval.*

	1	2	3	4	5	
small	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	large

26. *Mark only one oval.*

	1	2	3	4	5	
harmless	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	dangerous

27. *Mark only one oval.*

	1	2	3	4	5	
low risk	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	high risk

28. *Mark only one oval.*

	1	2	3	4	5	
rare	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	common

29. **In a mild earthquake what is the chance that you would be injured?**

Mark only one oval.

	1	2	3	4	5	
unlikely	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	likely

30. **In a mild earthquake what is the chance that things would get damaged and there would be a mess to clear up**

Mark only one oval.

	1	2	3	4	5	
unlikely	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	likely

Knowledge about earthquakes

31. **Do you know about earthquakes in your region?**

Mark only one oval.

- yes
 no

32. **How much do you know about earthquake risk?**

Mark only one oval.

	1	2	3	4	5	
very little	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	a great deal

33. **What is the main way you find out about earthquake risk?**

Mark only one oval.

- newspapers
 tv
 radio
 internet or social media
 government leaflets
 school
 Other: _____

34. **Do you think it is possible to build houses to resist strong earthquakes?**

Mark only one oval.

- yes
 no
 don't know

35. **In your town are new houses being built to resist strong earthquakes**

Mark only one oval.

- yes
 no
 don't know

36. **Who has the main responsibility for making your home safe**

Mark only one oval.

- you and your family
 municipality
 government
 engineers
 don't know
 Other: _____

37. **Have you had any earthquake prevention training?**

Mark only one oval.

- yes
 no

38. **How actively did you participate in the training?**

Mark only one oval.

- 1 2 3 4 5
-
- passively actively
-

Preventative action

How important are the following in reducing non-structural risk?

39. Keep exits clear

Mark only one oval.

	1	2	3	4	5	
unimportant	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	important

40. Run out of the house

Mark only one oval.

	1	2	3	4	5	
unimportant	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	important

41. Lower heavy objects

Mark only one oval.

	1	2	3	4	5	
unimportant	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	important

42. jump out of the window

Mark only one oval.

	1	2	3	4	5	
unimportant	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	important

43. Fix shelves, bookcases and cupboards to the wall

Mark only one oval.

	1	2	3	4	5	
unimportant	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	important

44. Move beds from under windows

Mark only one oval.

	1	2	3	4	5	
unimportant	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	important

45. Decide beforehand what you will do if an earthquake happens

Mark only one oval.

	1	2	3	4	5	
unimportant	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	important

46. **Keep battery radio and flashlight at the ready**

Mark only one oval.

	1	2	3	4	5	
unimportant	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	important

47. **Talk to your parents about the risk**

Mark only one oval.

	1	2	3	4	5	
unimportant	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	important

48. **What have you done already to reduce the risk to yourself?**

Check all that apply.

- sought information
- talked to friends
- talked to parents
- influenced parents to take action
- nothing

49. **How likely is it that your family will take effective preventative action to reduce risks within the next 6 months?**

Mark only one oval.

	1	2	3	4	5	
unlikely	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	likely

50. **What reasons might stop you and your family taking preventative action in your home?**

Check all that apply.

- economic
- too difficult to convince parents
- too difficult to adapt building
- no difficulty anticipated

Thank You

All the information you provide is confidential and anonymous. This means it will not be given to anyone outside the KnowRisk team and your name will not be on your answers.

ItaQ: Know Risk Questionnaire

Section 1 - Who are you?

A1. Geographical data:

Region, Province, Municipality of residence

A2. Informative data on the person

Age, Gender, Birth place, Citizenship, Level of education, Working activity, Marital status, Household composition, age of children living in the household.

A3. Informative data of the building

Structural type, Age of construction, N° of floors, Structural context of the building, State of maintenance

Section 2 - Do you feel safe?

B1. If you imagine an earthquake occurring in the area in which you live, how would you describe it?

[Comment: perception of Hazard]

	1	2	3	4	5	6	7	
Unexpected								Expected
Weak								Strong
Small								Big
Far away (geographic)								Close (geographic)
Predictable								Unpredictable
Short								Long
Moderate								Aggressive
Slow								Fast
Not Dangerous								Dangerous
Distant (in time)								Near (in time)

B2. Thinking to an earthquake, how well built do you think your house is?

[Comment: perception of Vulnerability]

	1	2	3	4	5	6	7	
Safe								Unsafe
Solid								Fragile
With Legal Standards								Without Legal Standards
Invulnerable								Vulnerable
Strong								Weak
Stable								Unstable

B3. Imaging an earthquake, what could happen inside your house/workplace?

	1	2	3	4	5	6	7	
Not Collapse								Collapse
Lighter objects will fall								Heavier objects will fall
None object will fall								All objects will fall
Ceiling will not fall								Ceiling will fall
Nobody will get hurt								Somebody could get hurt
The books would not fall over my head								The books could fall over my head
Gas piping would not break								Gas piping could break
Emergency exit Will be free								Emergency exit will be blocked
Glass of the windows will break								Glass of the windows will not break
Outside, the cornice will fall								Outside, the eaves will not fall

B4. Imaging an earthquake, how would you describe your community and people in it?
 [Comment: perception of People and Community]

	1	2	3	4	5	6	7	
Practical								Theoretical
Prepared								Unprepared
Safe								Unsafe
Neighbouring								Distant
Close together								Split
Collaborative								Not collaborative
Interested								Not interested

B5. How would you describe the area where you live?
 [Comment: perception of Exposure]

	1	2	3	4	5	6	7	
Agrarian								Industrialized
Uninhabited								Inhabited
Modern								Ancient
Poor								Rich
Looked after								Neglected
Organized								Unorganized
Not Visited								Visited

B6. Do you think the earthquake is as an event ...
 [Comment: perception of Earthquake as a phenomenon]

	1	2	3	4	5	6	7	
Have never experienced								Have experienced
At low personal risk								At high personal risk
Not Lethal								Lethal
Unknown to science								Known to science
Like a new risk								Like an old risk
That doesn't recall fear								That does recall fear
That you can influence								That you cannot influence
That rarely occurs								That often occurs
Predictable								Unpredictable
That will decrease in the future								That will increase in the future
To which, you don't think								To which, you think
Caused by Fate								Not caused by Fate
As a revenge of nature or a divine punishment								As a natural event
Caused by man								Not caused by man
That you cannot mitigate								That you can mitigate

Section 3 - Are you aware of the risk you take?

C1. How much do you think you ARE informed on seismic risk in your surrounding?

C2. Where do you get informed from?

C3. In your land do you think other hazards be more likely than an earthquake?

C4. Have you ever participated to other projects or seismic risk reduction campaings?

C4.1 If yes what were they?

C4.2. If yes what did you do?

C5.1 An earthquake is small when ... ?

Magnitude is...	1	2	3	4	5	6	7	8	9
-----------------	---	---	---	---	---	---	---	---	---

Intensity is...	I	II	III	IV	V	VI	VII	VIII	XI	X
-----------------	---	----	-----	----	---	----	-----	------	----	---

C5.2 An earthquake is small when ... ?

	1	2	3	4	5	6	7	
It doesn't cause damage								It causes damage
It doesn't cause deaths								It causes deaths
Light objects fall								Heavy objects fall
Houses don't crash								Houses crash
It is not scary								It is scary
It often occurs								It rarely occurs
Cornices don't fall								Cornices fall
Windowpanes don't brake								Windowpanes brake
Damages can be prevented with inexpensive actions								Damages can be prevented with very expensive actions

C5.3 If a small earthquake would happen right now where would you feel safer?

Ground floor	intermediate floor	upper floors
--------------	--------------------	--------------

C6.1 An earthquake is strong when ... ?

Magnitude is	1	2	3	4	5	6	7	8	9	
Intensity is	I	II	III	IV	V	VI	VII	VIII	XI	X

C6.2 An earthquake is strong when ... ?

	1	2	3	4	5	6	7	
It doesn't cause damage								It causes damage
It doesn't cause deaths								It causes deaths
Light objects fall								Heavy objects fall
Houses don't crash								Houses crash
It is not scary								It is scary
It often occurs								It rarely occurs
Cornices don't fall								Cornices fall
Windowpanes don't brake								Windowpanes brake
Damages can be prevented with inexpensive actions								Damages can be prevented with very expensive actions

C6.3 If a strong earthquake would happen right now where would you feel safer?

Ground floor	intermediate floor	upper floors
--------------	--------------------	--------------

C7 In your opinion how important are the following concepts in describing risk

	Not important at all	low important	neutral	important	extreemely important
Hazard					
Vulnerability					
Exposure					
Level of hazard					
Risk social acceptance					
Risk perception					
Other...					

C8 Can you distinguish between structural and non-structural elements?

Ceiling	• structural	• non- structural
foundation	• structural	• non- structural
Roof	• structural	• non- structural
Load-bearing wall	• structural	• non- structural
Partition walls	• structural	• non- structural
Beams	• structural	• non- structural
Shelves	• structural	• non- structural
Bookcases	• structural	• non- structural
Cornices and gutters	• structural	• non- structural

C9 In your opinion what kind of damage would cause non-structural elements?

death	<input type="checkbox"/> not at all	<input type="checkbox"/> less likely	<input type="checkbox"/> I don't know	<input type="checkbox"/> likely	<input type="checkbox"/> certainly
low injuries	<input type="checkbox"/> not at all	<input type="checkbox"/> less likely	<input type="checkbox"/> I don't know	<input type="checkbox"/> likely	<input type="checkbox"/> certainly
heavy injuries	<input type="checkbox"/> not at all	<input type="checkbox"/> less likely	<input type="checkbox"/> I don't know	<input type="checkbox"/> likely	<input type="checkbox"/> certainly
fear	<input type="checkbox"/> not at all	<input type="checkbox"/> less likely	<input type="checkbox"/> I don't know	<input type="checkbox"/> likely	<input type="checkbox"/> certainly
mess	<input type="checkbox"/> not at all	<input type="checkbox"/> less likely	<input type="checkbox"/> I don't know	<input type="checkbox"/> likely	<input type="checkbox"/> certainly
....					

Section 4 -What would you do?

D1 Would you take preventive measures against a small earthquake?

[Yer No, I don't know]

If yes, what?

Measures	Yes	No	I don't know
Strengthen ceilings			
Strengthen foundations			
Strengthen roof			
Strengthen load-bearing wall			
Strengthen partition walls			
Strengthen beams			
Secure bookcases			
Putting heavy objects at the top			
Putting heavy objects down			
Strengthen cornices			
Other _____			

D2. What kind of difficulties would you encounter in adopting these preventive measures?

(Economics, it would be hard to convince my household, It would take too much time, It would be too difficult, I think they would be useful, no problems)

D3. What would you do if you would not take any preventive measure at all?

(Nothing, I don't know, I would get injured, I would die, Other)

D4. In your opinion, what should be done to protect from small earthquakes?

(retrofit, anchor furnitures and bookshelves, keep you house tidy, rehreforce foundation, get rid of partition walls, others)

D5. What would you need to be convinced to adopt preventive measures?

(financial incentives, tax relief, if I see that others are doing it, talk to experts, attendance to an information campaign, other)

Section 5 - KnowRisk did you like these initiatives?

[Indicator L] Solo ex-post

E1. did you like information initiatives you attended within the KnowRisk project?

1	2	4	6	7
Not at all	a little	neutral	yes	a lot

E2. What did you like?
(list...)

E3. How much did you feel active?

1	2	3	4	5
not at all	a little	neutral	yes	a lot

KnowRISK questionnaire: LisQ



Questionnaire | High School *Rainha Dona Leonor*

This questionnaire aims to find out your opinion on seismic risk. Your opinion is very important for us in order to think about forms of protection when these phenomena occur.

Read the questions carefully and answer in agreement to what you think and feel. It is important that you know that there are **NO RIGHT OR WRONG QUESTIONS. IT IS YOUR OPINION THAT MATTERS**. If you don't know how to answer to some of the questions do not hesitate to answer "I don't know".

This questionnaire is anonymous and confidential.

Thank you for your collaboration!

WHAT RISKS DO WE TAKE?

1. To begin, we would like to know if you ever felt an earthquake.

Yes

No

2. If your answer was YES, tell us how was it?

3. Do you know if, in the past, there were earthquakes in Portugal that caused destruction of buildings?

Yes

No

I don't know/don't remember

4. If your answer was YES, tell us what do you know about those events?

(Ex: where did it happened, what damages did it caused...)

5. Do you usually receive information or hear about earthquakes that occurred or may occur in Lisbon?

Never received information or heard about earthquakes in Lisbon

It is rare to receive information and hear about earthquakes in Lisbon

Now and then I receive information and hear about earthquakes in Lisbon

It is frequent to receive information and hear about earthquakes in Lisbon

I don't know/don't remember

6. Do you think there is anything people can do to protect themselves and to minimize earthquake damages?

Yes

No

I don't know/don't remember

7. If your answer was YES, can you give us some examples?

8. The possibility of an earthquake in Lisbon is something...

	Never	Rarely	Now and then	A lot
...in which you think ?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...that worries you?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...that causes you fear ?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

9. How do you evaluate the possibility of an earthquake...

	Will not happen	It is unlikey	It is likely	It is very likely	I don't know
...in Lisbon ?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...in other Portuguese region ?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

10. If an earthquake occurred in Lisbon, how do you imagine it?

[Point out the number that best fits your opinion]

Weak

1	2	3	4	5
---	---	---	---	---

 Strong

Armless to me

1	2	3	4	5
---	---	---	---	---

 Aggressive to me

11. Do you know if it is or not possible to build houses that can resist strong earthquakes?

It is possible
It is not possible I don't know

12. If your answer was IT IS POSSIBLE, do you think that is being done in the houses built today in Lisbon?

Never
Sometimes
Always I don't know

13. What consequences could an earthquake cause in **Lisbon** and in **your neighborhood**?

a. In Lisbon

Damage without relevance, buildings would be able to stand

Few damage, just some buildings would collapse

Relevant damage, destroying a great amount of buildings

Very high damage, destroying parts of the city

I don't know, I can't imagine what kind of damage it could cause

b. In your neighborhood

Damage without relevance, buildings would be able to stand

Few damage, just some buildings would collapse

Relevant damage, destroying a great amount of buildings

Very high damage, destroying parts of the neighborhood

I don't know, I can't imagine what kind of damage it could cause

14. Now think about your house, can you tell us what you think of it?

[Point out the number that best fits your opinion]

Old

1	2	3	4	5
---	---	---	---	---

 New

Vulnerable to earthquakes

1	2	3	4	5
---	---	---	---	---

 Resistant to earthquakes

Degraded

1	2	3	4	5
---	---	---	---	---

 Well maintained

WHAT CAN WE DO TO PROTECT OURSELVES?

Now think about what we can do before and during an earthquake in order to protect ourselves. Read the following questions and remember that **it is your opinion that matters**. If you don't know how to answer do not hesitate to say "I don't know".

17. Living in Lisbon, do you think you should take precautions regarding the possibility of earthquakes?

- Yes
No
I don't know

18. Why?

19. During the time between last year (2015) and the present, tell us if you...

	Yes	No	I don't know/don't remember
...searched for information about earthquake protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...talked with your parents about earthquake protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...tried to influence your parents or relatives to implement protective measures?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
...implemented, alone or with relatives, any protective measures?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

20. If you already implemented earthquake protective measures, please identify them.

21. Bellow you can find some actions that may protect you in the event of an earthquake. Tell us if you knew or heard about any of them.

	Yes	No
Make sure all the doorways and exits are clear	<input type="checkbox"/>	<input type="checkbox"/>
Place heavy objects on the bottom shelves of cabinets and bookcases	<input type="checkbox"/>	<input type="checkbox"/>
Fix cabinets and bookcases to the walls	<input type="checkbox"/>	<input type="checkbox"/>
Move couches, beds and tables away from windows	<input type="checkbox"/>	<input type="checkbox"/>
Identify the safest places inside the house	<input type="checkbox"/>	<input type="checkbox"/>
Keep a water reservation enough for 2 to 3 days	<input type="checkbox"/>	<input type="checkbox"/>
Keep a canned food reservation enough for 2 to 3 days	<input type="checkbox"/>	<input type="checkbox"/>
Identify a meeting point location with your parents	<input type="checkbox"/>	<input type="checkbox"/>
Have a battery radio and flashlight by hand	<input type="checkbox"/>	<input type="checkbox"/>
Have a first aid kit by hand	<input type="checkbox"/>	<input type="checkbox"/>

23. How do you evaluate the possibility of you, your parents or other relatives living with you, come to implement some protective measures in the near future?

- Unlikely
- Not very likely
- Likely
- Very likely
- I don't know/can't evaluate

24. Classify each of the following protective measures regarding their utility on saving lives and avoiding damages in the event of an earthquake.

	Useless	Not very useful	Useful	Very useful	I don't know
Make sure all the doorways and exits are clear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Place heavy objects on the bottom shelves of cabinets and bookcases	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fix cabinets and bookcases to the walls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Move couches, beds and tables away from windows	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Identify the safest places inside the house	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Keep a water reservation enough for 2 to 3 days	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Keep a canned food reservation enough for 2 to 3 days	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Identify a meeting point location with your parents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have a battery radio and flashlight by hand	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have a first aid kit by hand	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Imagine there is a strong earthquake in Lisbon and you are in your house watching television...

25. In your opinion, what would be the most appropriate reactions?

- Leave the house immediately and go to the street
- Use the lifts to get to the street faster
- Stay home and keep calm
- Stay home and take refuge under a table
- Stay away from windows, furniture and hanging objects
- I don't know

TELL US A LITTLE ABOUT YOU

26. In what day, month and year were you born?

Day

Month

Year

27. How old are you?

28. Are you a girl?

Are you a boy?

29. Where do you live?

Street/Neighborhood

County

Lisbon

Other

Which?

30. Do you know your parent's profession?

Father

Mother
