About you and y	your group
1. Please provide	your name and institution.
Name	<b>J</b> ean 111111111111111111111111111111111111
Institution	
Country	
2. What is your ro	ole?
C Professor	
Group leader	
C Post-doc	
C Other	
Other (please specify)	
Care (preset speed)	
3. How many me	mbers does your group have currently?
Senior Staff	
Postdocs	
Graduate Students	
	e respective categories? For people involved in more than one activity, nto each relevant category.

Methods	s and applications
5. What	types of modeling method do you and your
group de	evelop?
Higher	level theory
☐ Density	y functional theory
☐ Semi-e	empirical methods including DFTB
Classic	cal simulation
Other	
Please speci	fy Other
6. What	types of 'observables' and properties do you determine? Observables and
	es refer to the quantities that are calculated directly from the simulation.
Frequently	
Occasionally	
Rarely	
7. What f	fields of application does your group work on in general? These include types
	ials and target applications of materials, e.g. alloy, semiconductors, displays
etc.	
Frequently	
Occasionally	
Rarely	

8. What modeli	ng methods	do you and yo	our group
use in industry			•
_	Frequently	Occasionally	Never
Higher level theory	0	0	0
Density functional theory	O	0	O
Semi-empirical methods including DFTB	0	0	0
Classical simulation	0	0	0
Other	0	0	O
Please specify Other			
9. Considering	industry coll	aborations, w	hat types
involved in?			
Freqently			
Occasionally			
Rarely			
<ul><li>☐ Basic chemicals</li><li>☐ Specialty chemica</li></ul>	Is		
<b>-</b>			
☐ Materials ☐ Electronics			
<ul><li>☐ Materials</li><li>☐ Electronics</li><li>☐ Automotive and ae</li></ul>	erospace		
Electronics	erospace		
☐ Electronics ☐ Automotive and ae			
☐ Electronics ☐ Automotive and acc ☐ Pharmaceuticals			
☐ Electronics ☐ Automotive and acc ☐ Pharmaceuticals ☐ Consumer Package			
<ul><li>☐ Electronics</li><li>☐ Automotive and ac</li><li>☐ Pharmaceuticals</li><li>☐ Consumer Package</li><li>☐ Software</li></ul>			

Informal personal nteractions (i.e. not	0 times	1-2 times	3-6 times	7-11 times	>= 12 times
·					
nvolving a signed agreement)		О	С	С	0
Consultancy and contrac research (formal, with specific objectives)	t O	0	O	0	0
Research funded by ndustry (typically collaborative research projects)	O	0	O	0	0
Training company employees	O	O	O	O	0
Setting up a physical facility for industry or a spin-off company	О	0	O	O	0
Other	0	0	0	0	0
			$\sim$	•	
Please specify Other			~		
2. In the last 3 vith (i.e. had so a government funded rojects //ithout government unding	years, how many	ng from)?	npanies have		
I2. In the last 3 with (i.e. had so n government funded rojects Vithout government unding I3. In the last 3 funded projects ream been invol	me sort of fundir years, how many of what differen ved with? (Count	ng from)? different inde t duration has t different pro	npanies have ustry s your		
with (i.e. had so n government funded projects Vithout government unding 13. In the last 3 y unded projects seam been invol	years, how many of what differen ved with? (Count	ng from)?  different indet t duration has t different pro	npanies have Istry 5 your jects		
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these industry pro		Cometine	Donelii	Naves
R&D manager	In most cases	Sometimes	Rarely	Never
Lab scientist (e.g. characterization)	0	0	0	0
Computational scientist	•	0	$\circ$	0
Engineer (chemical/material/electroni	ics)	0	0	0
Other	0	0	0	0
Please specify Other:				

	asures of success
15.	What is your longest standing industry collaboration?
Dura	tion in months:
Com	ment:
16.	How many renewals/projects have you had with the same company?
Num	ber of projects:
17.	How many companies do you collaborate with on average at a given time?
18.	What percentage of these companies are in Europe?
19.	What are the main reasons for your industry collaborators to enter into projects?
	Expertise of academic PI.
	To gain access to new ideas and insights.
	To access particular skills that are not available in house.
	To access particular techniques that are not available in-house.
	To overcoming bottlenecks in existing R&D projects.
	To assess potential of new directions not currently pursued in-house.
	To substitute some of their R&D.
	To reduce R&D costs.
	Open Innovation objectives.
	Other
Plea	ase specify Other expectations
20.	What measures of success are applied by companies?
	Patent applications
	New insights into cutting-edge science/technology
	Breakthroughs in R&D projects
	Speeding up R&D project
	Cost saving: reduction/steering of experimentation
	Other ROI measures (please specify)
Plea	ase specify Other Return on Investment (ROI ) measure

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Funding for esearch es	Royalties					
Reveloped Students Strained Funding for Sesearch Sesearch Sesearch Street on to work in industrial R&D? Sintered into computational oles Street on Sesearch Street on	lew					
Students rained						
Funding for esearch es						
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research res						
esearch essessments  Other please comment)  22. How many students have been trained in your group in the last 5 years that then went on to work in industrial R&D?  Entered into computational oles Other roles in industrial R&D  23. Please provide examples and success stories.						
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vent on to work in industrial R&D?  intered into computational oles  bitter roles in industrial table.  23. Please provide examples and success stories.					 	4.45
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23. Please provide examples and success stories.  Anny thanks for taking part in this survey!						
lany thanks for taking part in this survey!	R&D	examples ar	nd success st	tories.		A
	R&D	e examples ar	nd success st	tories.		A V
	23. Please provid		nd success st	tories.		
	23. Please provid		nd success st	tories.		<u>A</u>
	23. Please provid		nd success st	tories.		<b>Y</b>
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