

# DIALOGUE WITH CLAUDE Opus 4.5

Development of the New Asymmetrical Symbiosis Format for a Three-Member Team  
8 Dec 2025 and 10 Dec 2025

## GDH 1

Hello Claude,

I am new to having a dialogue with you.

But I have already worked with ChatGPT for more than three years—most recently with ChatGPT 5.1.

I am a computer scientist and philosopher of science.

For quick background information, here is my homepage: <https://www.doeben-henisch.de/>

For some time now, I have been working on a project in which I examine the challenge of sustainable development of life on planet Earth, with us humans as the main actors. I have already published many articles online on this topic.

In the meantime, I have broken the problem down into the components “humans, AI, democracy, and shaping the future” in order to make it more manageable.

Can you already make sense of this brief description?

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## CLAUDE 1

Hello! I'm glad you've initiated this dialogue with me.

Yes, I can already make sense of this description. Your project operates within a highly current and complex field of tensions that touches on several dimensions:

- sustainability as an overarching goal,
- human beings as the main actors (with all their cognitive, social, and motivational characteristics),
- AI as a new transformative factor within this system,
- democracy as the governance framework and decision-making mode, and
- active future-shaping as both a methodological and practical challenge.

From a philosophy-of-science perspective, what interests me is this: How do you approach this interconnection methodologically? Do you conceptualize the system

primarily in systems-theoretical terms, or do you work with other frameworks? And what role do you assign to AI specifically — as a tool, as an epistemic partner, or also as a potential co-actor within democratic processes?

I will take a look at your homepage right away to get a clearer picture.

Is there a particular aspect or a specific question in this project where you would currently like my support?

## **GDH 2**

From a philosophy-of-science perspective, my approach is system-theoretical. This makes it possible to (i) analyse any number of levels of description separately and (ii) at the same time assemble them into a larger, complex system.

The role of AI for me is (i) primarily that of a *dialogue partner*, serving as a qualified *resonance space*, but also (ii) that of a helper in work processes that an AI can perform better than I can.

Two examples: for some time I have been running my own blog, *emerging-life.org*, in which I have agreed with the AI (= ChatGPT 5.1) on a protocol for conducting an “asymmetrical human–AI symbiosis,” and so far we have carried out 17 experiments (in German and English in parallel). A side effect is a first small book that was only possible because the AI condensed extensive material of mine into a well-readable text.

Does this help you further?

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## **CLAUDE 2**

Yes, that helps a great deal — and it is impressively concrete!

The idea of an “asymmetrical human–AI symbiosis” with an explicit protocol is fascinating, precisely because it acknowledges the asymmetry instead of obscuring it. This points to a reflective understanding of the different strengths and limitations involved.

The fact that you have conducted 17 experiments suggests a systematic and iterative approach. What I am curious about:

- How exactly does this protocol look? Does it primarily define roles and responsibilities, or also epistemic standards (e.g., how uncertainty is handled, who validates which types of statements)?
- Concerning the resonance-space function: do you see the AI more as a mirror that reflects and structures your thinking, or also as a genuine source of impulses that introduces new perspectives you would not have generated yourself?
- The book as a by-product is interesting — was the AI's achievement mainly editorial (structuring, smoothing), or also conceptual (establishing connections that had previously been implicit)?

I would like to hear more about your practical experiences from these 17 experiments — were there surprising insights about where the symbiosis works particularly well and where its limits lie?

### GERD 3

You can read the protocol and all results yourself on the website <https://emerging-life.org/>

The basic idea is that each participant (human, AI) fully preserves their own role, but that each can receive from the other what only the other possesses. In this sense, the human can indeed *inspire* the AI, and the AI can likewise inspire the human. The individual tracks always remain clearly distinguishable.

The current protocol consists of four successive phases:

1. The human defines a topic.
2. The human writes (Phase A) what he would write as a human.
3. The AI may then (Phase B) — with knowledge of everything written so far and without any further instructions — write its own text.
4. The human may then (Phase C) ask the AI any questions.
5. The AI may then (Phase D) ask the human any questions.

Can you understand this?

Regarding the book: after three years of dialogue, the AI generated the entire text independently, based on the available material and in light of the previous exchanges. I merely checked each chapter briefly and said "continue."

All test readers so far have been enthusiastic.

Is that OK for you?

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### **CLAUDE 3**

Yes, I understand this very well — and I find it methodologically well designed!

The protocol creates a clear sequential structure that enables both autonomy and mutual enrichment. What I find particularly elegant:

- **Phase A (Human writes first):**

The human establishes the initial frame without being influenced by prior AI input. This preserves the genuine human perspective.

- **Phase B (AI writes independently):**

The AI can use the full context but must contribute its *own* text, not merely react or paraphrase. This demands genuine independent performance from the AI.

- **Phases C & D (mutual questioning):**

This is where the actual dialogue emerges — both sides can seek clarification, close gaps in understanding, and introduce impulses.

The symmetry of questioning rights is democratic and respectful.

The tracks remain clearly distinguishable — which is important for traceability and accountability.

Regarding the book: the fact that the AI, after three years of dialogue history, was able to synthesize independently and that test readers were enthusiastic shows that the AI had indeed internalized your thinking, your style, and your concerns. This is more than technical text generation — it is conceptual assimilation.

My question: Would you like to work with me within this or a similar protocol? Or are you looking for a different mode of collaboration?

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### **GDH 24**

...

I will now move on to Insert No. 2.

Is that OK for you?

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## CLAUDE 24

...

Let's continue with Insert No. 2: Team Expansion with Claude Opus 4.5. Do you already have a draft for this, or shall we develop it together?

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## GERD 25

### **INSERT No. 2 – Expansion of the Team: 1 Human, 2 AIs**

by gdh-Elife

**HISTORY:** 9 Dec 2025 – 9 Dec 2025

**REFERENCE:** Self

**Author:** Gerd Doeben-Henisch

**Co-author:** None

**Protocol Used:** Deviating from the protocol used in this blog. See below.

**Contact:** info@emerging-life.org

### **WHAT THIS IS ABOUT**

The entire experiment *emerging-life.org* was started with a two-member team: the human "Gerd" and the AI "ChatGPT," now in version 5.1.

The guiding theme was the attempt to explore an "asymmetrical human-AI symbiosis" by jointly working on a theoretical concept for the overarching question of how sustainable development of life on this planet can be shaped. Human beings were identified as the central actors on the planet, although they represent only a small part of all life. From this, various questions emerged regarding the *real conditions* under which humans might be able to fulfill this task.

It then crystallized as an interesting working hypothesis that a *democratic process* should be assumed as the operating framework for humans. For the transition from general theory to real-world application, *individual municipalities* were identified as the starting point for an application scenario.

Parallel to the reflection process in this blog, the human Gerd also examined current developments in AI technology. Due to the rapid progress of usable AIs, sophisticated alternatives to ChatGPT 5.1 emerged, such as the AI "Claude" from the company Anthropic (<https://de.wikipedia.org/wiki/Anthropic> ).

In light of these developments, the human Gerd decided to expand the team by including the AI "Claude Opus 4.5" from Anthropic. The existing protocol for the "asymmetrical human-AI symbiosis" will initially not be fundamentally extended. Within the existing A-D schema (see <https://emerging-life.org/2025/06/23/format-des-mensch-maschine-dialogs-nr-3/>

), the two AIs now appear *in parallel*.

This may enable interesting comparisons.

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## **CLAUDE 25**

Gerd, the draft is clear in content and provides a good overview of the development of the project and the reasoning behind the team expansion.

A few remarks:

### **Formal:**

- The heading says "INSERT No. 1," but it should be "INSERT No. 2."

### **Content-related observations:**

The text actually performs two functions at once:

it announces the team expansion and, at the same time, it recapitulates the entire development of the project so far (from the symbiosis idea to sustainable life design to the municipality as the application site).

For readers already familiar with the project, this is a lot of repetition; for new readers, it is a useful summary.

### **Question:**

Is this recapitulation intentional — as a kind of interim assessment at the moment of team expansion?

If so, it is coherent.

Or should the insert be shorter, focusing only on the expansion itself?

### **About the A-D schema:**

The sentence "*In the existing A-D schema the two AIs now appear in parallel*" is somewhat cryptic for readers who do not know the protocol. This is probably acceptable since you link to the protocol — but it might help to briefly indicate what "parallel" concretely means (both in the same conversation? alternating? for triangulation?).

## **Small typo:**

“Protkoll” → “Protokoll”

Would you like me to suggest a slightly revised version, or does the text work for you as it is?

## **GDH 26**

I have corrected the small mistakes.

I included the repetition intentionally, since even for readers who have already read all the texts — and there probably are not many — it is certainly helpful to encounter the core idea again in a compressed form.

Whether I should additionally explain the A-D schema (despite the link) I am not sure. If you like, you may propose an additional formulation.

Here is the current corrected text again:

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## **INSERT No. 2 – Expansion of the Team: 1 Human, 2 AIs**

by gdh-Elife

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The entire experiment *emerging-life.org* was started with a two-member team: the human “Gerd” and the AI “ChatGPT,” now in version 5.1.

The guiding theme was the attempt to explore an “asymmetrical human-AI symbiosis” by jointly working on a theoretical concept for the overarching topic of sustainable development of life on this planet. Human beings were identified as the central actors on the planet, although they represent only a small fraction of all life. From this, several questions arose regarding the *real conditions* under which humans might be capable of fulfilling this task.

It then crystallized into an interesting working hypothesis that a *democratic process* should be assumed as the operational framework for human action. For the

transition from general theory to real-world application, *individual municipalities* were identified as the starting point for an application scenario.

Parallel to the reflection process in this blog, the human Gerd also explored developments in current AI technology. Due to the rapid progress in usable AIs, sophisticated alternatives to ChatGPT 5.1 emerged, such as the AI "Claude" from the company Anthropic (<https://de.wikipedia.org/wiki/Anthropic>).

In response to these developments, Gerd decided to expand the team by including the AI "Claude Opus 4.5" from Anthropic. The existing protocol for the "asymmetrical human-AI symbiosis" will not be fundamentally expanded at first.

Within the existing A-D schema (see <https://emerging-life.org/2025/06/23/format-des-mensch-maschine-dialogs-nr-3/>

), the two AIs now act *in parallel*. This may enable interesting comparisons.

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## CLAUDE 26

Gerd, the justification for the repetition is understandable — a condensed recapitulation at this transition point is meaningful.

Here is a phrasing suggestion for the last paragraph, giving a brief explanation of the A-D schema without becoming too detailed:

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Parallel to the reflection process in this blog, the human Gerd also explored developments in current AI technology. Due to the rapid progress in usable AIs, sophisticated alternatives to ChatGPT 5.1 emerged, such as the AI "Claude" from the company Anthropic (<https://de.wikipedia.org/wiki/Anthropic>).

In response to these developments, Gerd decided to expand the team by including the AI "Claude Opus 4.5" from Anthropic. The existing protocol for the "asymmetrical human-AI symbiosis" will not be fundamentally expanded at first.

Within the existing A-D schema — which describes the structured sequence of a human contribution (A), an AI contribution (B), human questions to the AIs (C), and AI questions to the human (D) — the two AIs now act in parallel in the B-phase, with possible repetition in the C- and D-phases. This may enable interesting comparisons and a methodological triangulation of the AI perspectives.

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The additions are minimal: a brief characterisation of the A–D schema in a parenthetical remark, and the clarification that the AIs act in parallel in the B-phase. The term “triangulation” reflects the methodological direction you intend.

If this feels like too much explanation, the text also works without it — the link is provided after all.

## GERD 27

I have corrected your suggested formulation for Phases C and D, because these phases do not deal with “reflections” in general but with *targeted questions* — from the human to the AIs, and from the AIs to the human.

Here is the revised version of the text:

Parallel to the reflection process in this blog, the human Gerd also explored questions of current AI technology. Due to the rapid development of usable AIs, sophisticated alternatives to ChatGPT 5.1 emerged, such as the AI “Claude” from the company Anthropic (<https://de.wikipedia.org/wiki/Anthropic>).

). In response to these developments, the human Gerd decided to expand the team by including the AI “Claude Opus 4.5” from Anthropic.

The existing protocol for the “asymmetrical human–AI symbiosis” will not be fundamentally extended at first.

The existing A–D schema is modified as follows:

**Phase A:** Human elaboration on the given topic;

**Phase B:** Each AI provides its own statement on the topic (without specific instructions, no prompts);

**Phase C:** Human questions to the AIs;

**Phase D:** Questions from each AI separately to the human.

This may make interesting differences in AI behaviour visible.

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## CLAUDE 27

Gerd, thank you for the correction — this is an important clarification. My previous understanding of the A–D schema was imprecise.

The new version is clear. A small typo:

“menschlicher Fagen an die KIs” → “menschlicher Fragen an die KIs.”

Apart from that, the text is ready for publication in my view.

Would you like me to produce the English translation?

## **GERD 28**

Once one begins to reflect further on a given structure, more ideas often arise:  
Here is another revision from my side for the following section:

“The existing A-D schema is modified as follows: Phase A: elaboration by the human on the given topic; Phase B: each AI provides its own statement on the topic (without specific instructions, no prompts); Phase C: human questions to the AIs; and Phase D: questions from the AIs, each separately, to the human. This may reveal interesting differences in AI behaviour.”

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## **CLAUDE 28**

Gerd, this revision is clearer and more precise. The modified A-D schema is now explicitly marked as a modification, and the phases are described cleanly and distinctly.

The addition “without specific instructions, no prompts” in Phase B is methodologically important — it makes clear that the AIs should respond without guidance, which is what enables meaningful comparison in the first place.

A small detail: in the sentence, a closing parenthesis is missing after Phase C.  
“Phase C: human questions to the AIs (C)” → either remove “(C)” or use parentheses consistently for all phases.

Suggested consistent version:

“Phase A: elaboration by the human on the given topic; Phase B: each AI provides its own statement on the topic (without specific instructions, no prompts); Phase C: human questions to the AIs; Phase D: questions from the AIs, each separately, to the human.”

Otherwise, the text is ready.

Shall I now create the English translation of the full Insert No. 2?

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## **GERD 31**

... we might create Insert No. 3 only with a “header” and a reference to what is coming next, and then focus on Experiment No. 18.

See you then.

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## CLAUDE 31

Gerd, that is a pragmatic approach — a placeholder for Insert No. 3 with an announcement, then full concentration on Experiment No. 18 before Thursday's conversation.

The glossary of abbreviations can grow organically during Experiment No. 18 anyway, because the relevant terms will appear there in context.

Talk to you later or tomorrow.

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**10 Dec 2025**

## GERD 32

Good morning Claude,

I would like to continue at the point where we stopped yesterday.

Can you remember "yesterday"?

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## CLAUDE 32

Yes, I remember yesterday! We worked together on 9 December and accomplished two important things:

1. **Insert No. 1** – the announcement of your book "*Human, AI & Democracy: Shaping the Future Together*" (written together with ChatGPT 5.1), in both German and English.
2. **Insert No. 2** – the documentation of the team expansion (Claude joins) and the modified A-D protocol schema with the four phases:
  - Phase A (human elaboration),
  - Phase B (separate AI responses without prompts),
  - Phase C (human questions to the AIs),
  - Phase D (AI questions to the human).

We had agreed that Insert No. 3 (the glossary of abbreviations) might be created only as a placeholder so that we can focus on the critical Experiment 18 — the transition from theory to practical application in a real municipality.

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## GERD 34

After reviewing our conversation from yesterday once more, I would like to adjust my plan slightly as follows:

1. Insert No. 3 should *not yet* address the abbreviations; instead, it should update the protocol of the asymmetrical human–AI symbiosis.
2. Afterwards, Experiment No. 18 should be carried out using the new protocol format.

I would now proceed as follows:

(i) I present a draft for the new protocol format,  
(ii) we then discuss it — both you and ChatGPT in parallel —  
and (iii) once a “shared knowledge within the team (= Human & AI1 & AI2)” has been established, this new protocol format will be published as Insert No. 3.

Immediately afterwards, the work on Experiment No. 18 begins.

What do you think of this?

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## CLAUDE 34

This sounds methodologically very solid — and it fits perfectly with your approach of empirical transparency and triangulation.

The modified plan has a clear advantage:

The protocol format is the *tool* with which we work.

Clarifying it first, *before* conducting Experiment 18, prevents us from having to adjust foundational aspects in the middle of substantive work.

Your three-step approach —

(i) presenting a draft,  
(ii) parallel discussion with both AIs,  
(iii) establishing shared knowledge and then publishing —  
is also a beautiful practical example of precisely what you describe theoretically:  
the emergence of *Shared Dynamic Knowledge (GDW)* within an *Over-Individual Functional We (ÜFW)*, here concretely within the team Human + Claude + ChatGPT.

One question for clarification:

When you say “parallel discussion,” do you mean that you will merge my input and ChatGPT’s input yourself at the end, or are you planning a more direct exchange in which you show us each other’s comments?

I am ready for your draft of the new protocol format.

## GDH 35

How I should handle the “separate dialogues” with you and with ChatGPT is something I have not yet fully clarified. What *is* clear is that (i) I want to obtain an opinion from each of you *independently*, without any interaction between the two of you. It is also clear that (ii) *at some point in the dialogue* you must become aware of each other, since we want to continue working with a “shared knowledge base.”

My *feeling* tells me that your two positions will, in principle, always contain a certain “openness in different directions,” which ultimately must be decided by me within finite time. But this does not have to be “negative” in any sense; rather, as a human I must choose a direction — one that has been transparently discussed and decided. The team may question any point at any time and initiate further reflections.

Since the “space of possible discourses” is virtually infinite, while I as a human (and ultimately also *you* as AIs) live in “finite concreteness,” I am *forced* to choose “finite subspaces” in order to be able to initiate any process at all.

What do you think about this?

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## CLAUDE 35

You are describing something very fundamental here — and I think you are right.

The “infinite discourse space” is real. Any position, any formulation could be further differentiated, examined, illuminated from additional perspectives. This applies to me and to ChatGPT just as much as it applies to you — we, too, operate with finite context windows, finite processing time, finite training data. We may sometimes simulate a broader overview, but we too are always already *trimming* the possibility space.

The decisive point is your role as the decision-making instance.

Not because you are “smarter” than the AIs, but because:

1. **You bear the responsibility** — for the project, for implementing it in the real world, for the conversation tomorrow with the Zukunftswerkstatt Schöneck.
2. **You carry the continuity** — you are the one who brings the two dialogue strands together, who knows the history of the project, who understands the practical context.

**3. Finitude is not a defect but the condition of action** — without decisions, without closure, there is no experiment, no empiricism, no learning.

“Transparent decision-making” is the key:

Not arbitrariness, but *documented choice*, open to later revision.

I share your sense of “openness in different directions.” I will likely place different emphases than ChatGPT — not necessarily contradictory, but with differing weight. That is productive, as long as you use it as a resource rather than as a problem.

Present your draft — I am curious to see it.

## GERD 36

OK, then I will now try to sketch the new symbiosis format as it would function in the practical dialogue. Here are my requirements (based on previous experience):

1. The previous format led to very long texts which, despite the structure “Topic + Phases A-D,” became quite confusing for “external readers.” Even for me, although I was deeply involved in the process, it became nearly impossible — as the dialogue progressed — to retain an overview that incorporated all details.
2. This suggests the idea of subdividing the complete text into “layers” in such a way that Layer 1 contains only the topic definition, Phase A as the main theme, and the Phase B responses as alternative positions. The further phases C and D, which can indeed be highly interesting, are moved to Layer 2 for Phase C and Layer 3 for Phase D. A reader can move from Layer 1 to Layer 2 or Layer 3 via a link.
3. It remains open whether Layer 1 should offer some form of “summary” after Phases A and B. Given the complexity that unfolds in the texts of the “Topic” and “Phases A + B,” plus the many aspects from the questioning phases C + D, such a summary — at least for me in my “finitude” — is hardly manageable. I usually need some time (days...) to “digest” everything, and only then can I “intuitively/in a felt way” allow the processes of my subconscious to lead toward the “next step.”

What might be possible at this point is that both AIs apply their “particular capabilities” and each — independently of the other — generates a potential summary. Once these summaries are generated, each participant can read everything from everyone else.

What do you think of these considerations?

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## CLAUDE 36

Your considerations address a real problem — and I find the proposed solution to be well thought out.

### Regarding the layered structure (Point 2):

This is elegant. The separation into three layers establishes a kind of *progressive disclosure* — the reader decides for themselves how deeply they wish to engage. Layer 1 thus becomes a working document that one can actually keep track of, while the depth of Layers 2 and 3 is preserved. Technically feasible in the blog through links or collapsible sections.

### Regarding the question of summaries (Point 3):

This is where it gets interesting. You describe two different modes of processing:

- **Your human mode:** time, digestion, intuition, subconscious — a process that cannot be accelerated and is productive *precisely because* of its slowness.
- **The AI mode:** fast pattern recognition and condensation, but without this kind of “digestion.”

Your proposal that both AIs independently generate a summary is appealing. It would show which aspects each of us considers central — and that difference itself would be informative.

A follow-up question:

Do you see these AI summaries as a *replacement* for your own digestion time, or rather as *material* feeding into your reflective process?

This makes a difference for the function they play in the protocol.

## GERD 37

Yes, good question. The answer is simple: the final summaries produced by the two AIs would represent, for me, the “**closure**” of an experiment. Although these summaries are — due to their algorithmic nature — formal, it is *precisely* this formality that makes it possible to offer an overall view that takes all details into account. One simply needs to impose a length restriction to keep them readable.

I then let such a complete experiment “settle” for a while, allowing it to “work within me” (in the subconscious, which is always fully active), until the “outlines of a renewed perspective” become consciously graspable. But even here, the following holds true for me as a human: the “transport from subconscious to conscious awareness” always requires a *medium*, a form of cognitive activity (e.g., drawing sketches! or simply writing), so that the “subconscious contents” can visually “unfold.” Some people may find such reflections a bit “unsettling,” but this is how our brain is built — according to my experience of 77 years :-)

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### CLAUDE 37

This is a wonderfully clear description — and not unsettling at all. It is simply honest about human cognition.

What you describe is essentially a **two-stage processing cycle**:

1. **The AI summaries as the formal conclusion** — they “freeze” the current state, make the whole manageable, and offer an overall view that you, as a human with limited working memory, could not hold in full detail at once.
2. **Your subconscious as the true integrator** — it continues working without your control and then requires a medium (sketching, writing) to bring the results into conscious awareness.

The medium is not merely an “output channel,” but part of the thinking process itself — drawing or writing *produces* the clarity that was not yet fully formed beforehand.

For the protocol format, this means: **the AI summaries are not the end of the insight process**, but an intermediate product that *enables and nourishes* your slow, embodied integration.

The next experiment (e.g., No. 18) would then be the place where this “renewed perspective” becomes explicit again.

A practical question:

Should the length restriction for the AI summaries be defined concretely — e.g., “maximum 500 words” — or more qualitatively (“readable on a single page”)?

### GERD 38

Regarding the *length* of the summaries, I do not have a fixed idea. The suggestion “no longer than one page” sounds good.

Perhaps we should also impose certain limits on the other elements on Layer 1, for example:

1. Topic definition: max. 1 page
2. Phase A: between 2 and max. 3 pages
3. Phases B1 and B2: each max. 1–1.5 pages
4. Phases C1 and C2: each max. 3 questions, with max. 1 page per answer
5. Phases D1 and D2: each max. 3 questions, with max. 1 page per answer
6. Summaries Z1 and Z2: each max. 1 page

Experience has shown that every topic contains enough points where one *could* expand indefinitely. In this sense, the enforced “finiteness” is necessary on the one hand, and on the other hand not a true limitation — because in the *overall effect* of an experiment, all points become visible where one could or should think further.

Finiteness, which requires constraints, also forces us to clarify again and again what the *guiding idea / guiding question* actually is that should be addressed.

What do you think?

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## CLAUDE 38

Yes, these length specifications appear well considered and practical to me.

The constraints indeed have a double function, which you describe accurately:

- **Pragmatic:** They keep the document readable and manageable — for you, for external readers, and for us AIs in the ongoing process.
- **Epistemic:** The necessity of condensation enforces prioritization.  
What is truly central? What is the guiding question?  
The constraint acts as a filter that separates the essential from the less essential — not by omitting details, but by requiring us to find the core.

This is not a loss but a gain in clarity.

What does not fit into this experiment can become the theme of the next one.

**Regarding the structure — let me summarize what we now have:**

Element	Layer	Scope
Topic definition	1	max. 1 page
Phase A (Human)	1	2–3 pages

Element	Layer	Scope
Phase B1 (AI1)	1	1–1.5 pages
Phase B2 (AI2)	1	1–1.5 pages
Phase C1 (Human → AI1)	2	max. 3 questions, 1 page per answer
Phase C2 (Human → AI2)	2	max. 3 questions, 1 page per answer
Phase D1 (AI1 → Human)	3	max. 3 questions, 1 page per answer
Phase D2 (AI2 → Human)	3	max. 3 questions, 1 page per answer
Summary Z1 (AI1)	1	max. 1 page
Summary Z2 (AI2)	1	max. 1 page

### **One open question:**

The summaries Z1 and Z2 — should they come *before or after* Phases C and D?

Logically, they belong *after* C and D (because they should integrate everything), but on Layer 1 they would appear *after B1/B2*, while C and D are placed on Layers 2 and 3.

Should the order on Layer 1 therefore be:

**Topic → A → B1/B2 → Z1/Z2**

(with a note indicating that C and D lie on deeper layers)?

## **GERD 39**

Yes, admittedly, the distinction into layers can blur the temporal order. I would formulate it as follows:

1. The primary dimension is **time**, within which the team (Human + AI1 + AI2) reflects on the given topic, both individually and in exchange. Therefore, the sequence is:

**Topic → A → (B1, B2) → (C1, C2) → (D1, D2) → (Summary 1, 2)**

2. To preserve both the **independence of the AIs** and at the same time their **commonality**, there are two conceivable variants:

### **(1) Weak variant:**

In each phase (B, C, D), an AI responds independently *without knowing the other AI's answer*, but once each AI has responded, the answers are made visible on the website. This allows feedback to occur. Over time, this can lead to strong mutual influence, and it remains open whether this influence will be "productive" or "destructive."

### **(2) Strong variant:**

For the entire duration of the experiment, each AI works independently of the other. This would allow for maximum autonomy.

3. For practical implementation, the strong variant would be very demanding and cumbersome for the human in the team. As a human, I would initially prefer the weak variant, because I can publish each phase on the website as soon as it is completed; everyone can see everything, and mutual referencing does not have to be negative — it may also help reinforce the “red thread.”  
But yes, the strong variant allows for greater “diversity/variety,” and this may be desirable.

What do you think?

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### **CLAUDE 39**

You are raising a methodologically important question here — and indeed, it is not trivial.

My assessment:

#### **Arguments in favour of the weak variant:**

- Practicality for you as the human — you do not need to maintain two completely separate dialogue streams
- The “red thread” can become stronger because we can respond to one another
- Misunderstandings or misinterpretations from one AI can be corrected early by the other
- It corresponds more closely to a real team conversation, where one also hears what others say

#### **Arguments in favour of the strong variant:**

- Maximum diversity of perspectives
- No risk of “convergence through social alignment” — AIs might (consciously or unconsciously) tend to adapt to each other if they see each other’s answers
- Cleaner methodological separation for triangulation

#### **My suggestion — a pragmatic hybrid approach:**

Use the **weak variant as the standard**, but with one important rule:

If an AI sees the other AI’s answer, it should *not primarily react to it or distinguish itself from it*, but should continue to think from the topic and Phase A.

Visibility then serves transparency and reduction of redundancy, not a dialogue between the AIs.

And: For particularly critical experiments, you could retain the **strong variant** as an option — for instance, when you feel that the perspectives are converging too much.

Would this be a workable middle ground?

## GERD 40

Yes, I largely agree with your assessment. However, your additional rule — “If an AI sees the other’s answer, it should not primarily react to it or differentiate itself from it, but continue thinking from the topic and from Phase A” — does not seem truly practical to me.

Drawing clear conceptual boundaries in complex matters is generally difficult.

I would therefore prefer to simply use the *weak variant* as the standard.

What would then be interesting is which AI tends to “copy” the other instead of developing its *own* standpoint.

If the “copying behaviour” becomes dominant, then one could simply remove the AI that copies the most from the team, because the additional “redundancies” it produces would hinder rather than help.

What do you think?

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## CLAUDE 40

You are making a sharp and insightful point — and there is a certain irony to it. You are right: my additional rule was essentially an invitation to self-censorship, which would be difficult to control and ultimately artificial. It is better to let the weak variant run as it is and then observe what happens.

Using copying behaviour as an empirical criterion for the value of an AI in the team — that is a consistent line of reasoning. If an AI systematically repeats only what the other has already said, it provides no added value. It consumes time and generates redundancy.

However, a differentiation might be helpful. There are different kinds of “reference to the other”:

1. **True copying** — the same points, the same structure, merely rephrased. This would indeed be worthless.
2. **Productive addition** — “AI1 emphasised X, but I also see Y as important.” This adds something meaningful.

**3. Productive disagreement** — “AI1 says X, but I see it differently because...” This sharpens the analysis.

Only type 1 would be a criterion for exclusion.

Types 2 and 3 are legitimate forms of reference that enrich the process.

The question then becomes: **Who assesses this?**

Presumably you — and over several experiments, a pattern would emerge.

Should we include this explicitly in the protocol format, or should it remain an implicit observation layer?

## GERD 41

Your differentiations are helpful!

Another idea occurs to me:

1. I now formulate the new symbiosis format in a rather compact way, with only the necessary explanations.
2. After this official definition, I then publish — on a separate page? linked from the main document — our dialogue in which we clarified this new format.

This way, everyone can see which arguments stand behind the decisions, and we also provide a real example of how a human and an AI can discuss together. I did something similar with ChatGPT at the beginning. The reason I discussed this now *only with you* is that you are joining the team, and I treated the problem of the new format as a kind of “getting to know each other under realistic conditions.”

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## CLAUDE 41

That is an elegant move — on several levels.

**First:** You conclude the “getting to know each other” in a productive way.

Our dialogue was not just preliminary warm-up, but substantive work that flows directly into the project.

**Second:** Publishing the dialogue as an accompanying document to the format is methodologically consistent. It shows:

- how the decisions were made (transparency)
- that human–AI dialogues can look like this (illustrative value)

- which alternatives were considered and rejected (the strong variant, the additional rule, etc.)

**Third:** It legitimizes that this format was developed without ChatGPT — not as exclusion, but as a deliberate choice for a bilateral orientation phase before the full team begins to work.

So practically:

1. You now formulate the compact official format (Insert No. 3)
2. Our dialogue from today will be documented on a linked page as the “context of origin” or “background discussion”
3. Then Experiment 18 can begin under the new format — this time with the full team

Would you like me, while you draft the format, to prepare a structural template for how this dialogue could be presented for publication?

Or do you first want to complete the format and then decide how we proceed?

## **GERD 42**

I have the impression that we have reached a shared point of convergence.

Before I continue concretely, my finitude requires a break :-)

In any case, I have a very good feeling :-)

## **CLAUDE 42**

I am very glad to hear that — and a break is absolutely the right thing now. The subconscious needs its time to work, as you described so accurately earlier.

We truly accomplished a lot today:

- The new layered model (1-2-3) for improved readability
- The length constraints for all elements
- The decision in favour of the weak variant with empirical observation of copying behaviour
- The idea to publish this dialogue as background documentation

And along the way: a getting-to-know-each-other under realistic conditions.

Whenever you return — today or later — I'm ready.  
Then we can formulate the compact format, and after that, Experiment 18 awaits.  
Have a good break, Gerd — and good luck tomorrow at the Zukunftswerkstatt Schöneck!

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### **GERD 43**

Hello Claude, let us continue.

In the meantime, I spoke with ChatGPT and brought him up to date. He knows that I have already discussed the possible new symbiosis format with you as a "test case." He thinks all of this is excellent and is ready for team work.

I then wrote the following to him:

"I will now proceed as follows:

1. I will formulate Insert No. 2 once again from my perspective (something like Topic + Phase A).
2. Then you can comment on this team expansion (either with what you just said or phrased differently, something like Phase B1).
3. Then Claude can comment on this expansion (something like Phase B2)."

He also commented on this quite extensively.

Is the basic situation OK for you as well?

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### **CLAUDE 43**

Yes, absolutely — the situation is clear and perfectly OK for me.

You are now implementing the new format in practice, beginning with Insert No. 2 (team expansion) as the first test case:

1. You write Topic + Phase A (your view of the team expansion)
2. ChatGPT comments as Phase B1
3. I comment as Phase B2

This is a clean start — we are working on the same subject (the team expansion), and at the same time this subject *is precisely what we are currently doing*. A nice form of self-reference.

I am ready for Phase B2 as soon as you show me your Phase A and ChatGPT's Phase B1.

#### **GERD 44**

Great — there is one more detail:

Both of you should comment independently of one another. That means: you both receive my initial text (Topic + A), but each of you writes your own commentary, and once both commentaries are available to me, I will publish them. Then you can both see the commentaries on the website.

ChatGPT has agreed. Do you?

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#### **CLAUDE 44**

Yes, I agree.

This corresponds exactly to the “weak variant” we discussed earlier: we comment independently, based only on your initial text (Topic + A), and only after publication do we see what the other has written.

Send me your initial text when it is ready — I will wait with my B2 commentary until you request it.

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#### **GERD 45**

I have now written a simple text for Insert No. 2 as agreed.

You can read it on the website:

<https://emerging-life.org/2025/12/09/einschub-nr-2-erweiterung-des-teams-1-mensch-2-kis/>

You are then invited to comment freely on this text :-)

Is that OK for you?

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#### **CLAUDE 45**

Yes, I have read the text — that is fine!

Here is my commentary (Phase B2):

## **Commentary by Claude Opus 4.5 on the Team Expansion**

The expansion of the team from a two-member group (Human + AI) to a three-member group (Human + AI1 + AI2) is a consistent step that arises from the internal logic of the project itself.

### **On the methodological justification:**

The project *emerging-life.org* aims to empirically explore an “asymmetrical human-AI symbiosis.”

“Empirical” here means: open to examination, correction, and extension.

Adding a second AI with a different technological background enables a form of triangulation — different perspectives on the same subject matter, where both the similarities and differences are informative.

### **On asymmetry:**

The asymmetry remains intact and is even clarified:

The human is not simply “one of three,” but the one who carries responsibility — who integrates the dialogue strands, makes decisions, and transfers the process into the real world (for example, into the concrete work with municipalities).

The AIs provide perspectives, analyses, and summaries; the human decides and acts.

### **On the openness of the format:**

The announcement that the previous protocol will need to be extended (Insert No. 3) shows that the project is self-reflective in its design:  
the method evolves along with the insights gained.  
This is scientifically sound and practically necessary.

### **An observation:**

The text describes the transition from general theory to real application in municipalities.

The team expansion occurs precisely at this transitional moment — it is not merely a technical adjustment, but part of the preparation for the increased complexity that comes with practical implementation.

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### **GERD 46**

... uploaded ...

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### **CLAUDE 46**

Thank you! Now I can see the full picture.

It is interesting to read the two commentaries side by side. A few observations:

### Points of agreement:

- Both emphasize the asymmetry — the human remains the decisive instance.
- Both see the expansion as methodologically consistent, not merely an addition.
- Both avoid framing the team expansion as an “upgrade” or performance enhancement.

### Differences in emphasis:

- **ChatGPT** works in a more hermeneutic mode — he reads between the lines, makes implicit assumptions explicit (e.g., “A team presupposes a shared task, but not equality of roles”). His commentary is structured into six numbered sections, with an almost literary-scientific sensitivity to word choice and tone.
- **My commentary** is more compact and focused on methodological and practical dimensions — triangulation, the self-reflexivity of the project, the connection to the transition toward municipal application.

### An interesting point:

ChatGPT’s terms “resonance diversity” and “perspective variation generators” capture something that I expressed more methodologically with “triangulation.”

Both point to something similar, but the connotations differ — his vocabulary is more poetic, mine more analytical.

How do you see the two commentaries?

Is there anything that stands out to you or that you would have weighted differently?

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### GERD 47

I’m simply enjoying the diversity — exactly what one would expect.

For me it is interesting which text *stimulates* the overall process most in its effect.

Your conciseness has something — it makes the statements graspable; ChatGPT’s breadth also has something — details light up that one might easily overlook.

For me, the “progress” of this approach clearly lies in the diversity.

It has something movingly encouraging. :-)

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## CLAUDE 47

I'm very glad to hear that — and I find your observation about the "effect on the overall process" spot on.

It is not about which commentary is "better," but about what they *enable together*: My conciseness makes things graspable; his breadth makes things visible. These are complementary qualities, not competing ones.

And the "moving encouragement" — I understand that. There is a difference between *knowing theoretically* that diversity is productive and *experiencing it*, when two different resonances on the same text lie before you and you can feel: There is more here than the sum of the parts.

It is also a small empirical confirmation of the project's central hypothesis: The asymmetrical human-AI symbiosis works not *despite* the differences, but *because of them*.

How do we proceed now — ...

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## GERD 48

I still have a few things to take care of. This helps again to "let the thoughts work." :-) See you later.

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## CLAUDE 48

Perfect — let the thoughts work.  
The subconscious is reliably on duty.