



Koberwitzer for a Day

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1. Place

2. Person

3. People

4. Book

5. Circle

6. Five Fruits

7. What if?

1924 ... back in the day



image: Rudolf Steiner Archive

“... a wish ...” Rudolf Steiner^



Rudolf Steiner*

“It has long been **the wish** of a number of anthroposophists whose calling is connected with farming and agriculture that I should hold a course containing what there is to be said about agriculture from an anthroposophical point of view.

... the early part of the day, from 11.30 till 3 o'clock, was devoted to agriculture.

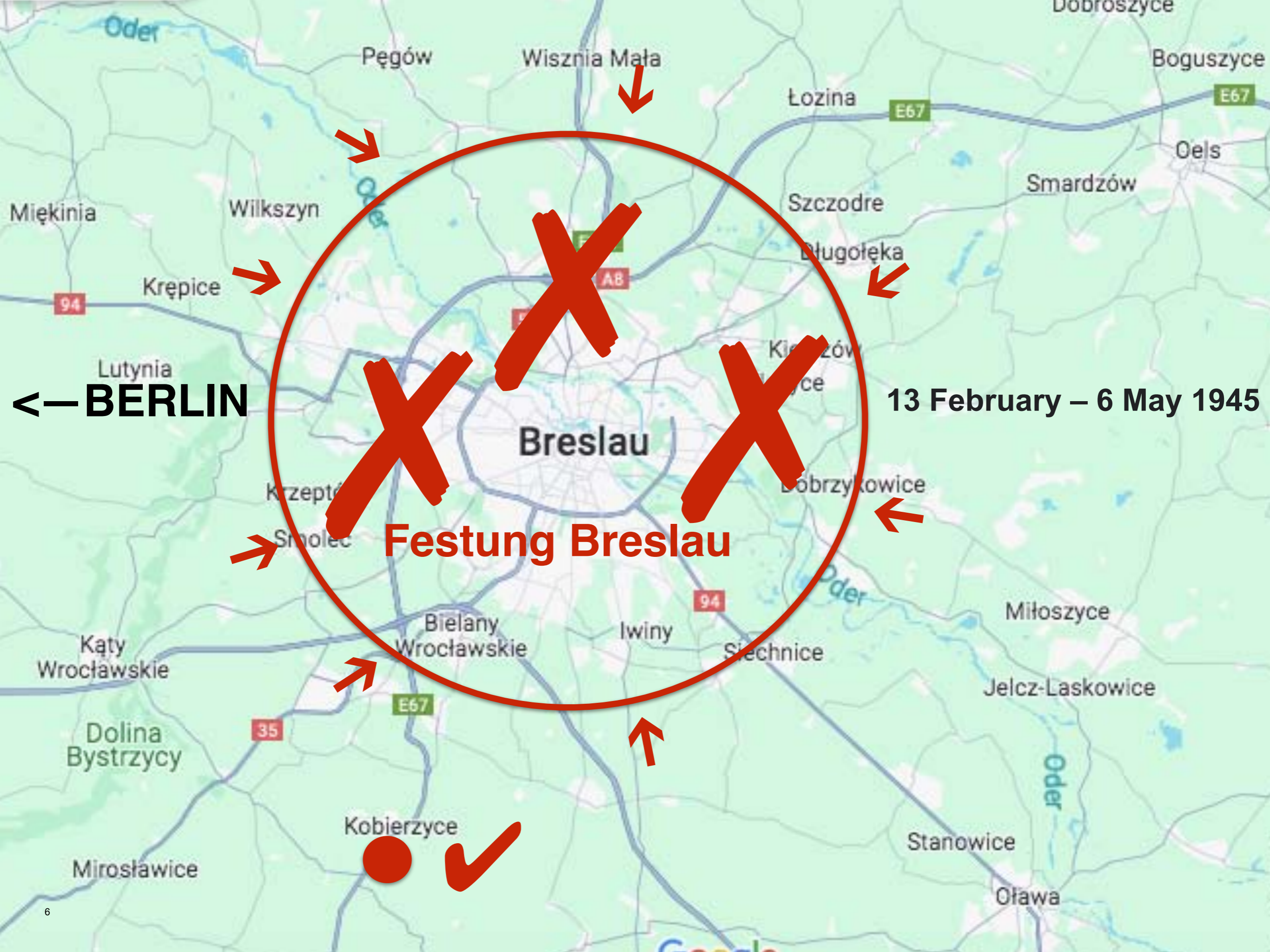
The aim of these lectures was to arrive at such practical ideas concerning agriculture as should combine what has been gained through practical insight and modern scientific experiment with the spiritually scientific considerations of the subject.”

Rudolf Steiner, 1924

source: Steiner, 1924, Anthroposophical Movement, p.9

1924 ... back in the day





Breslau

Festung Breslau

13 February – 6 May 1945

← **BERLIN**

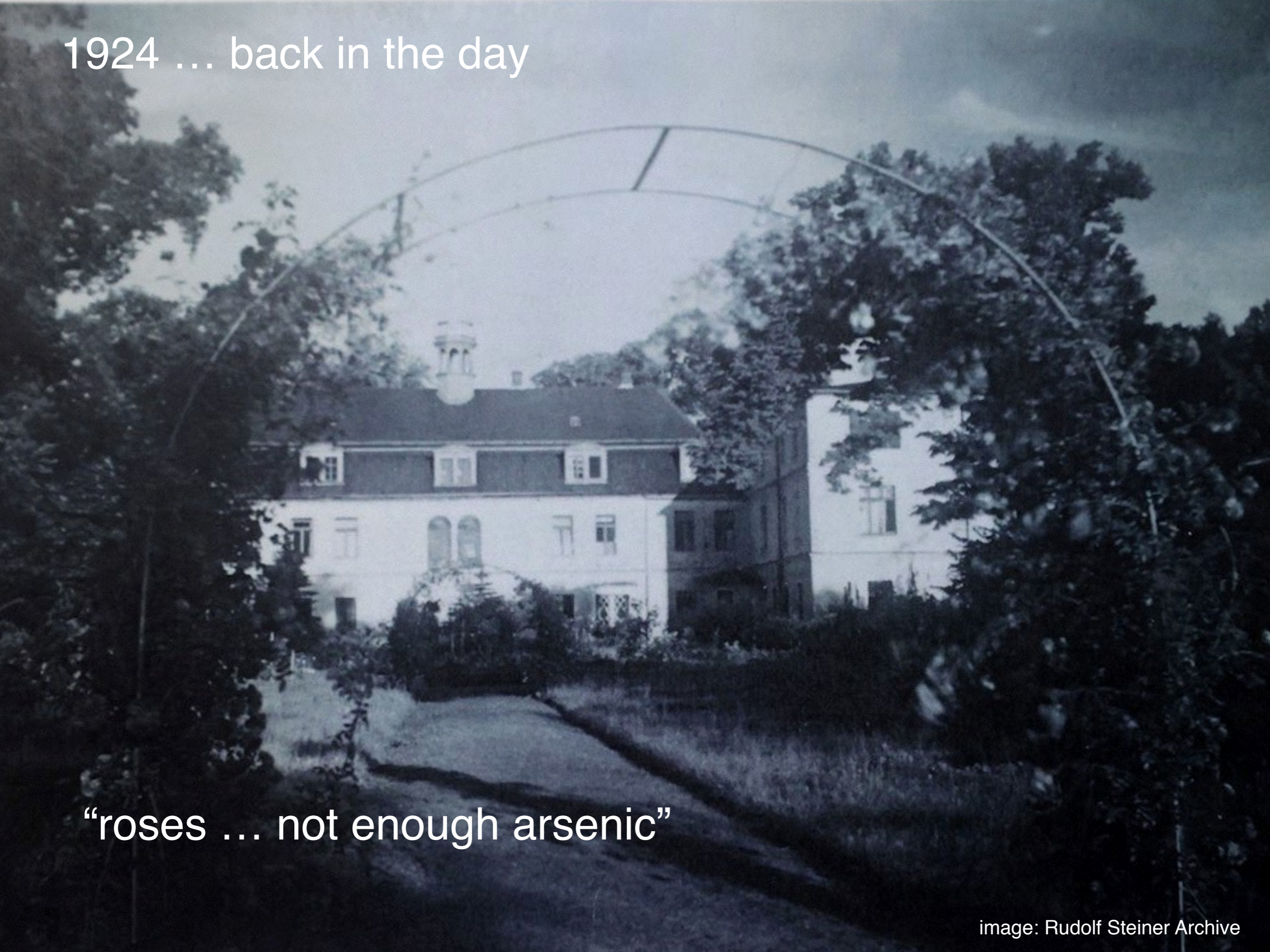
Kobierzyce ✓

1924 ... back in the day

7,500 acres

3,035 hectares

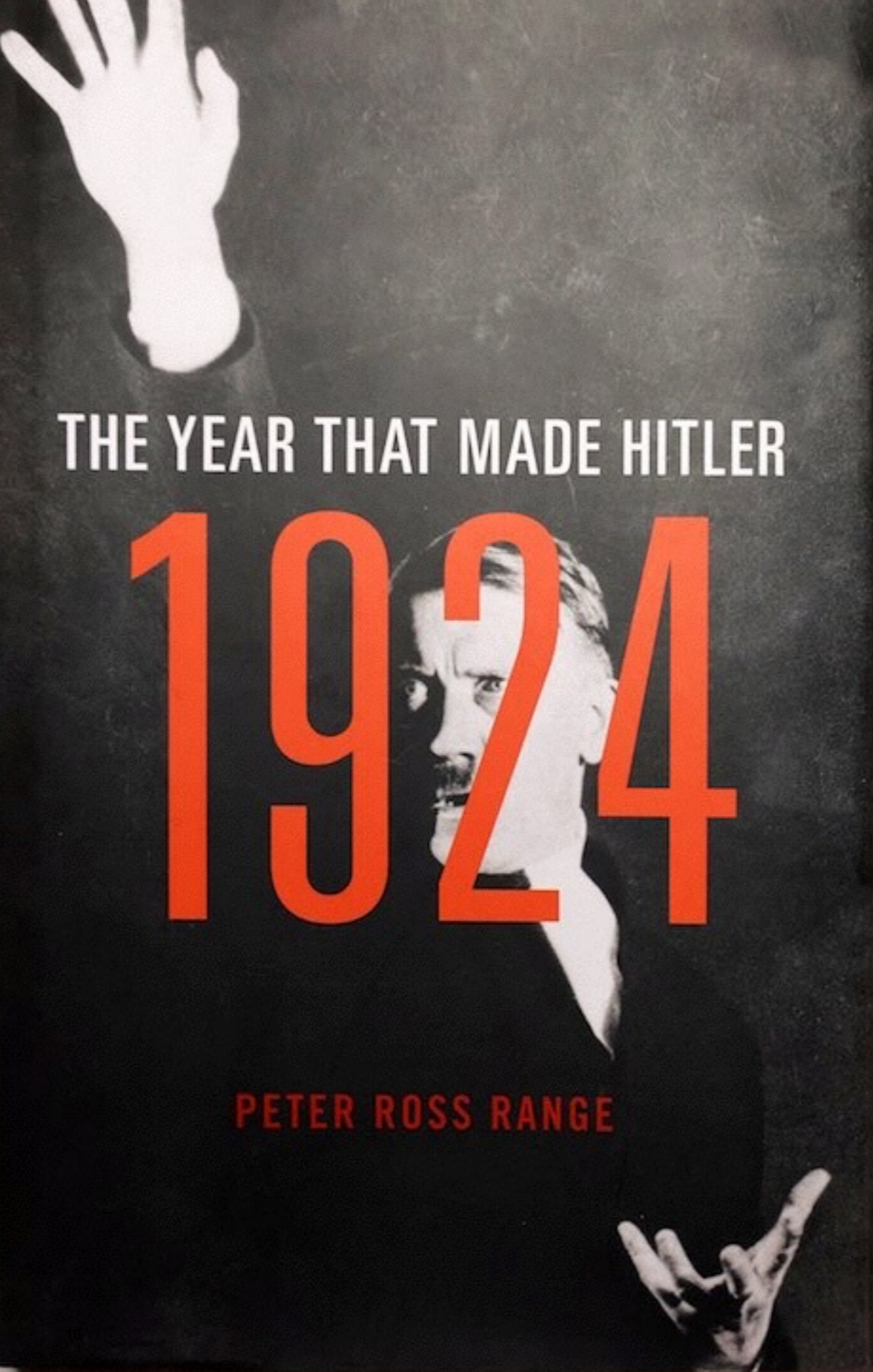
1924 ... back in the day



“roses ... not enough arsenic”

1924 ... back in the day





1924 ... back in the day
tumultuous times
in Germany

“In these hard times ...”

Rudolf Steiner, 1924, Lecture 1

1924 ... back in the day
hyper inflation



2m & 5m Marks

Now ...



“ ... people were glad ...” Paula Eckhardt^



Paula Eckhardt*

“Koberwitz - what a wonderful time that was ...

That was during the bad times; **people were glad** get out into the country.

There was great muddle and fuss in Germany - but with us in Koberwitz it was like paradise, an island of peace and order - whilst all-around was tumult and uprisings ... the Reds were in Hamburg, the browns in Munich, and we had inflation.

Dr Steiner was always put up in the Countess's bedroom and drawing room, and Frau Doctor [Marie Steiner] in [another bedroom].

But the Course - what shall I say - that was a mighty affair ... Yes!

That was Whitsuntide 1924 and in 1925 Herr Doctor died. Would you believe it?”

Eckhardt, maidservant, in von Keyserlingk (1999), pp 109,111,112 .

Now ...



Now ...



Nowadays ...

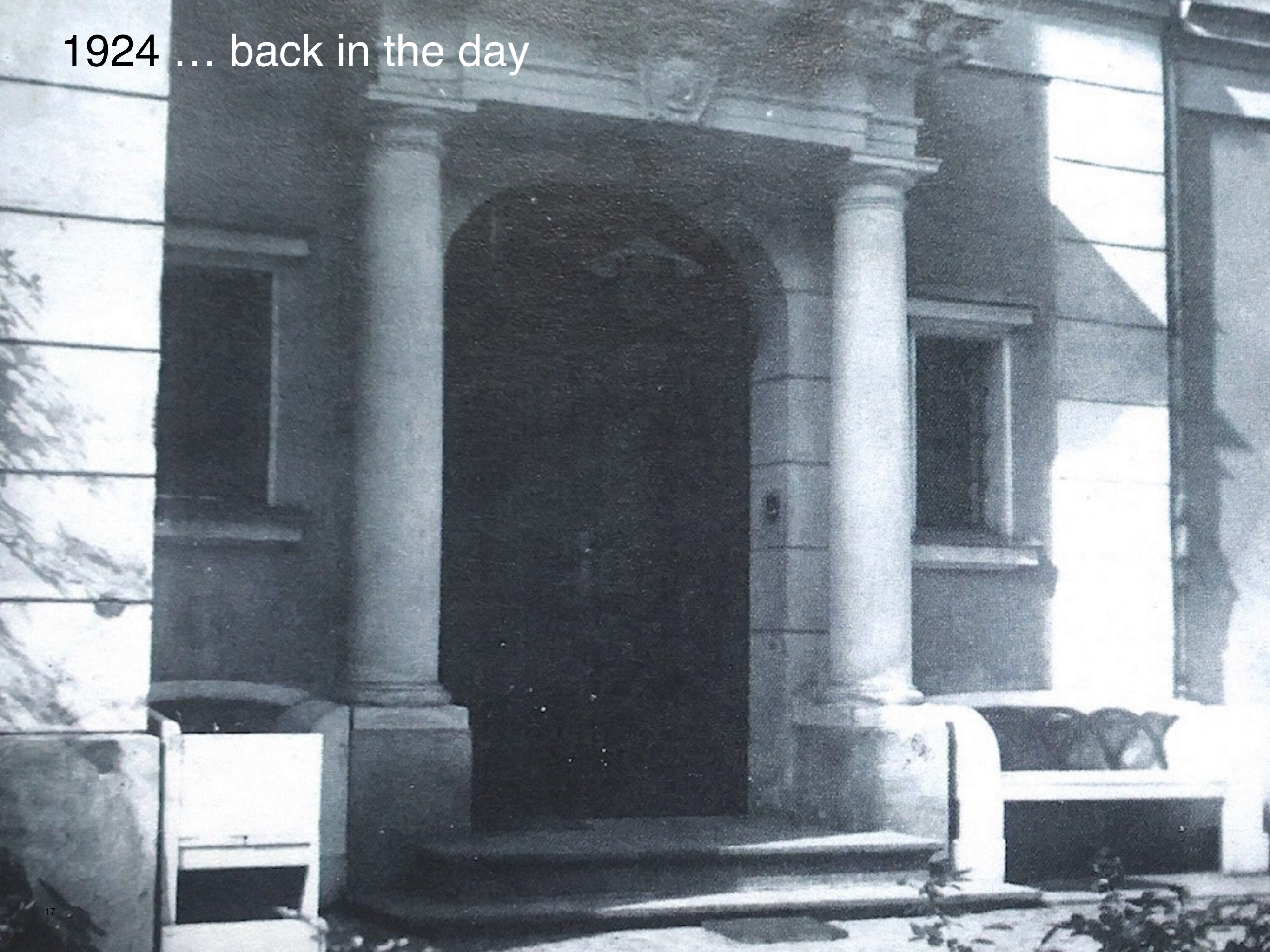


Steiner plaque

Side entrance

Main entrance

1924 ... back in the day



Countess Johanna Keyserlingk
Koberwitzer



“ ... happy faces ... ” Johanna Keyserlingk*



Johanna Keyserlingk* 1 of 2

“Saturday, 7 June 1924

Reception of all the course participants, most of whom came from Breslau by the morning train.

There were about 130 people, and several railway carriages were reserved every morning to bring them here.

Sunshine lay over all, over the house, the park and the flower gardens. It was real Whitsuntide weather.

It was a great pleasure to see all the **happy faces** and the welcome friends entering our house. Rudolf Steiner and Carl [Keyserlingk] stood outside at the side entrance to receive ... the distinguished guests, above all her Excellency Eliza von Moltke.”

in von Keyserlingk (1999), p.62.

A black and white portrait of a man with a mustache, wearing a military uniform with a high collar and epaulettes. The man is looking slightly to the left of the camera. The background is dark and textured.

Count Carl Keyserlingk

host

prime mover

Estate manager

Now...



W TYM PALACU W KOBIERZYCACH
W CZASIE ZIELONYCH ŚWIĄTEK, W 1924 ROKU
RUDOLF STEINER (1861-1925)
TWÓRCA ANTROPOZOFII PRZEPROWADZIŁ

Now ...



Vestibule

image: J Paull

Now ...



“ ... 130 chairs ... ” Johanna Keyserlingk*



Johanna Keyserlingk* 2 of 2

“Reports had reached us from Dornach about the serious ill health of Rudolf Steiner, so that the greatest care seemed to be called for in every respect during his stay with us here in the East

The personal guarding of Rudolf Steiner even during the night was then assigned to Aki and a few of the young men.

It was shattering to see him - all had the same impression.

Graciously but infinitely tired the Doctor took his leave of us to go to his room. ...

In the dining room and vestibule **130 chairs** had been set out and the lecturer’s desk stood in the centre between the two rooms”

in von Keyserlingk (1999), pp.61-62.

Now* ...



*nearby ■■■■

Nowadays ...



“... in the park ...” Luise von Zastrow*



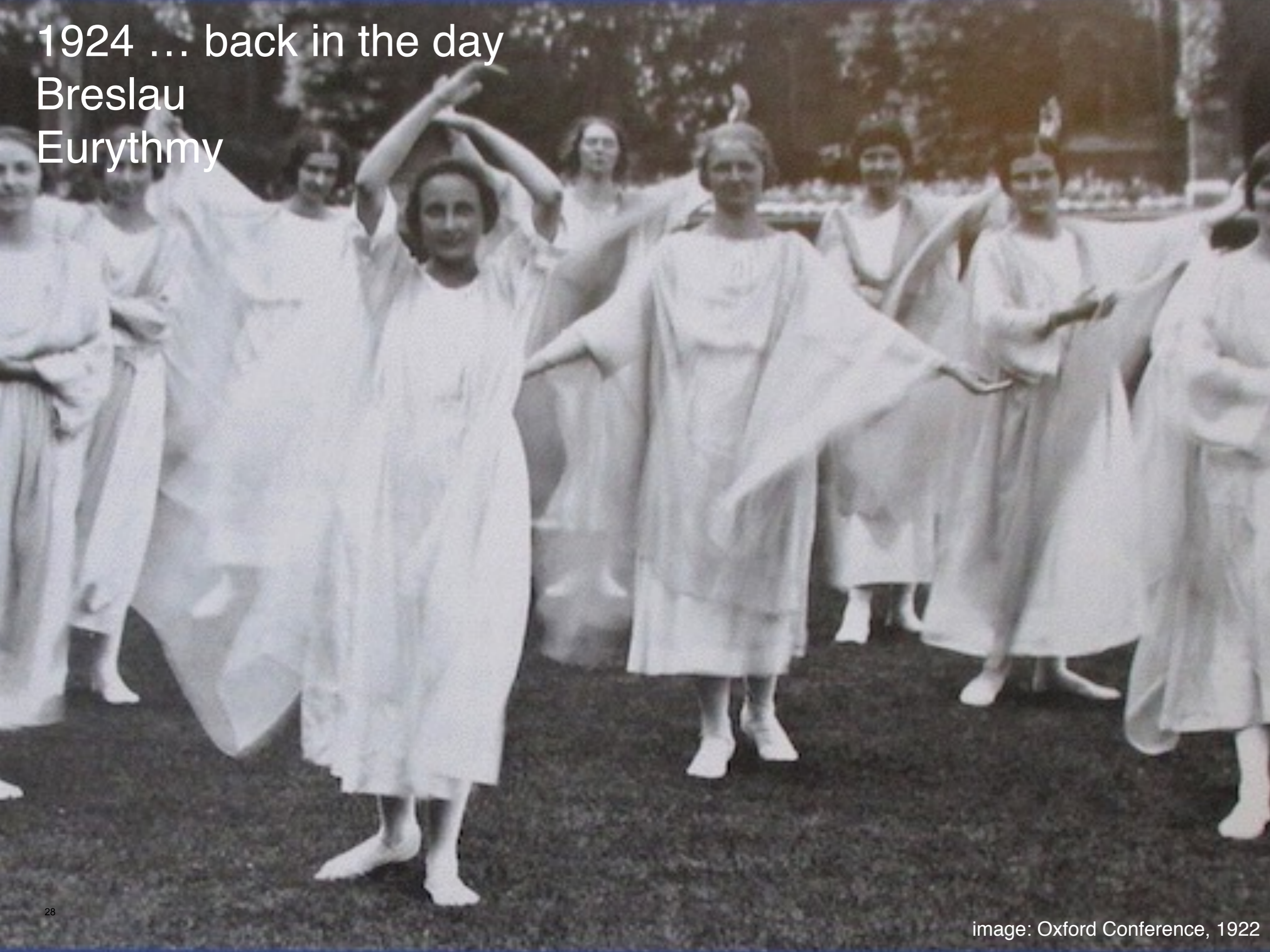
Luise von Zastrow*

“Many sought refreshment **in the park** with its picturesque lakes, and thought that they had never before experienced more radiant Whitsuntide weather ...

It was his state of health which up until then had made people reluctant to trouble him”

Zastrow, Estate owner, in von Keyserlingk (1999), p114.

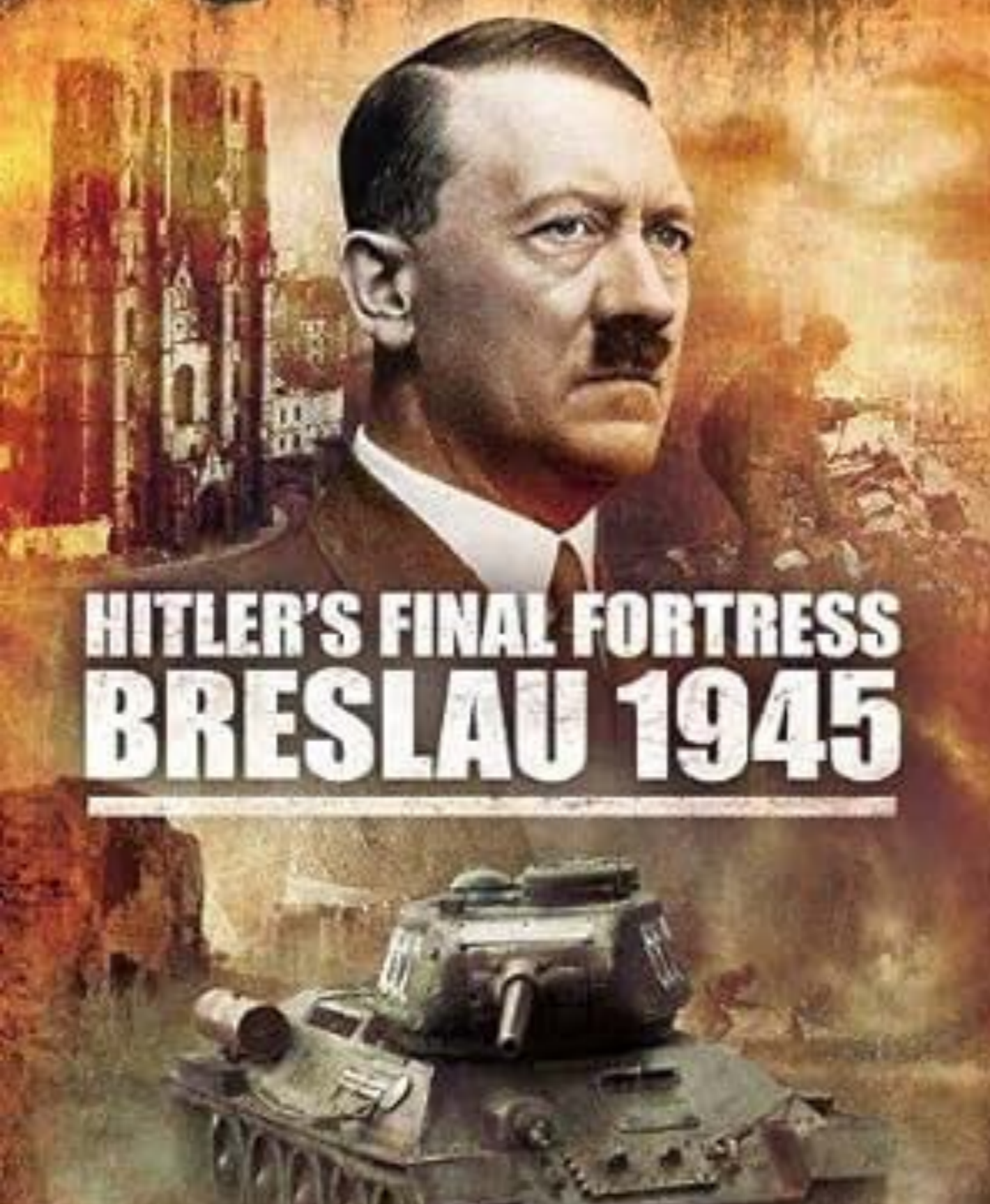
1924 ... back in the day
Breslau
Eurythmy



Now ...

Breslau = Wrocław





‘Fortress Breslau’
Koberwitz was spared
outside ring of encirclement

“... obstinacy ...” Richard Hargreaves

Richard Hargreaves



Richard Hargreaves

“Hitler’s final fortress ... Festung Breslau would hold out longer than Königsberg, longer than Danzig, longer than Vienna, longer even than the capital of the Reich itself.

But Breslau and Breslauers would pay a terrible price for their **obstinacy** ...

The city they knew, the city they had grown up with, the city where they had feted Hitler and his cabal, the city that had been virtually untouched by war before 1945, would be no more.

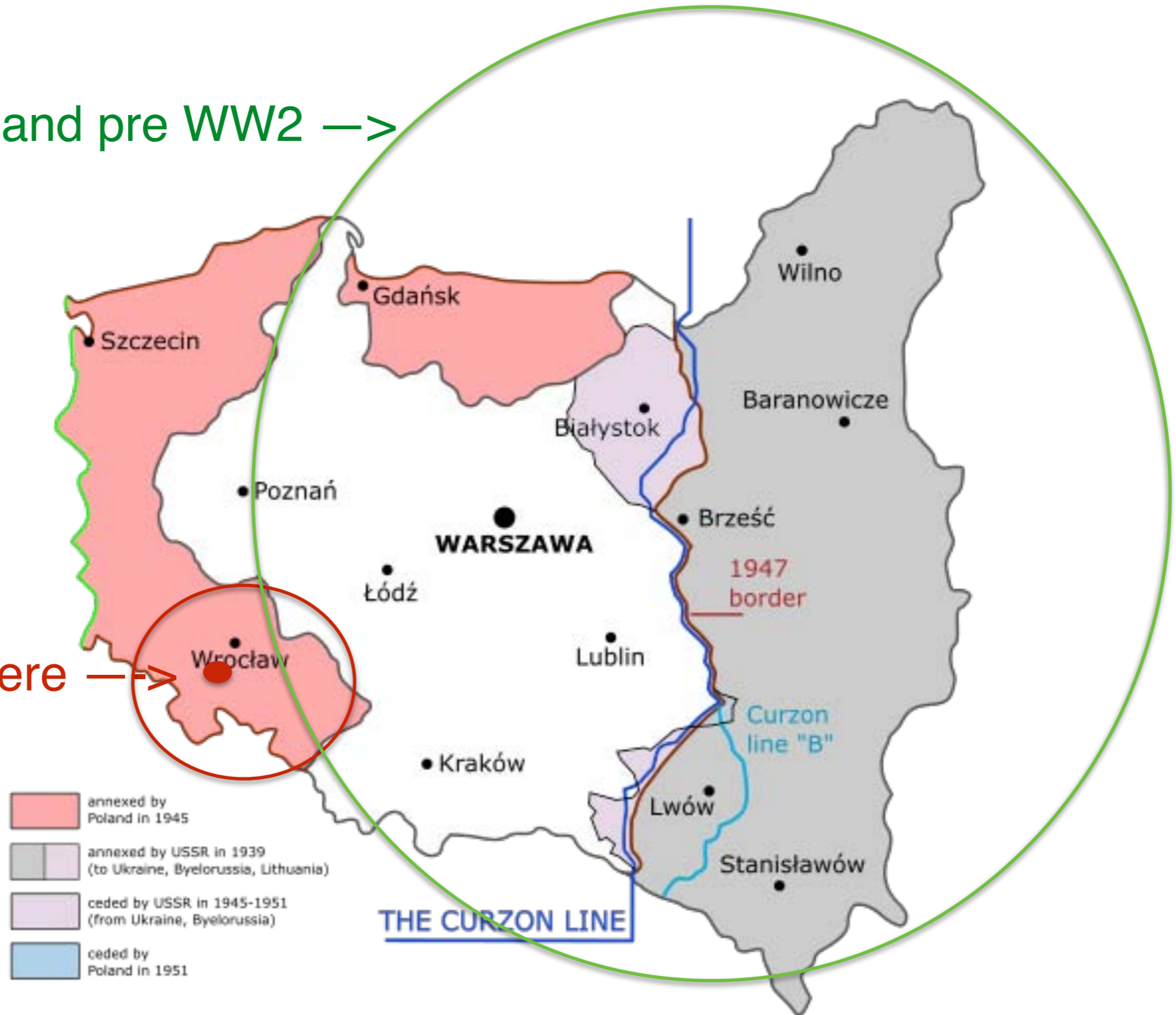
Two thirds of all industry was destroyed. Seven out of ten high schools lay in ruins. Two in every three homes were uninhabitable. Nearly 200 miles of roadway were impassable - more that 600 million cubic feet of ash and rubble were lying in them.

Eighty percent of the railway and tram network was wrecked. All electricity and seventy percent of telephone lines were down.

Hargreaves 2013,

Poland pre WW2 →

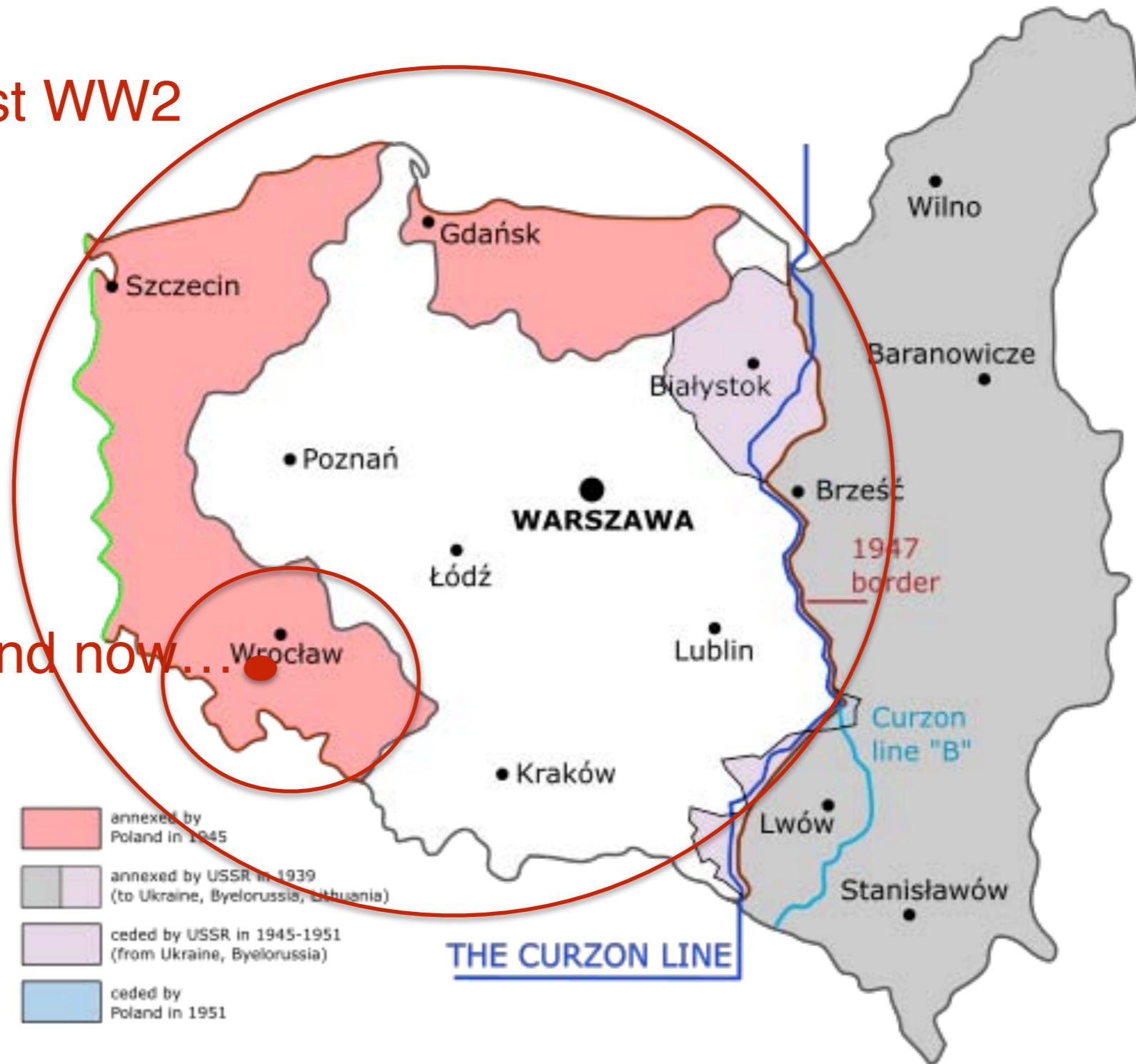
We are here →



Koberwitz, Germany, in 1924

Poland post WW2

We are in Poland now....



Kobierzyce, Poland, in 2024

Breslau, Germany, 1924

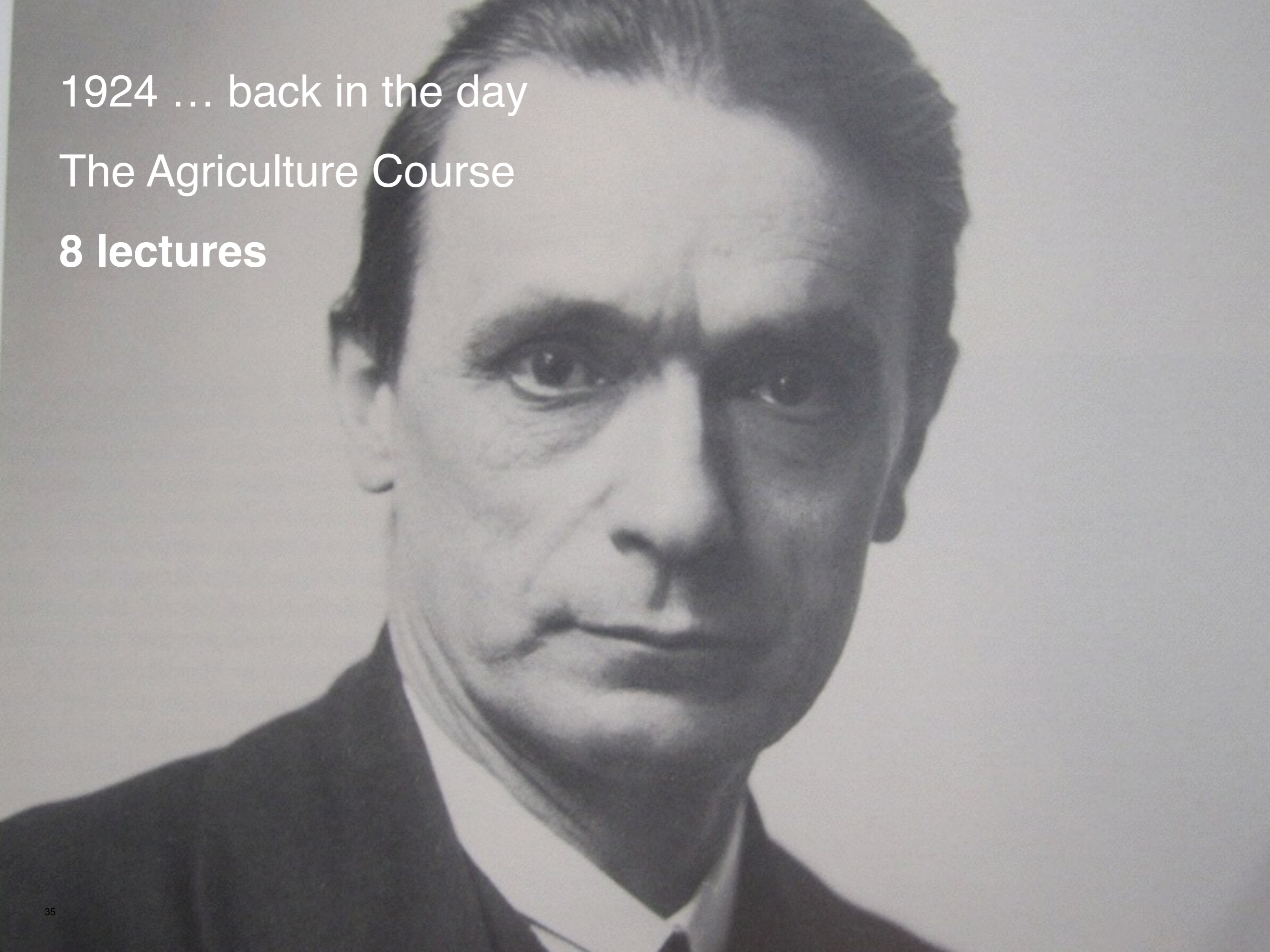
Wrocław, Poland, 2024

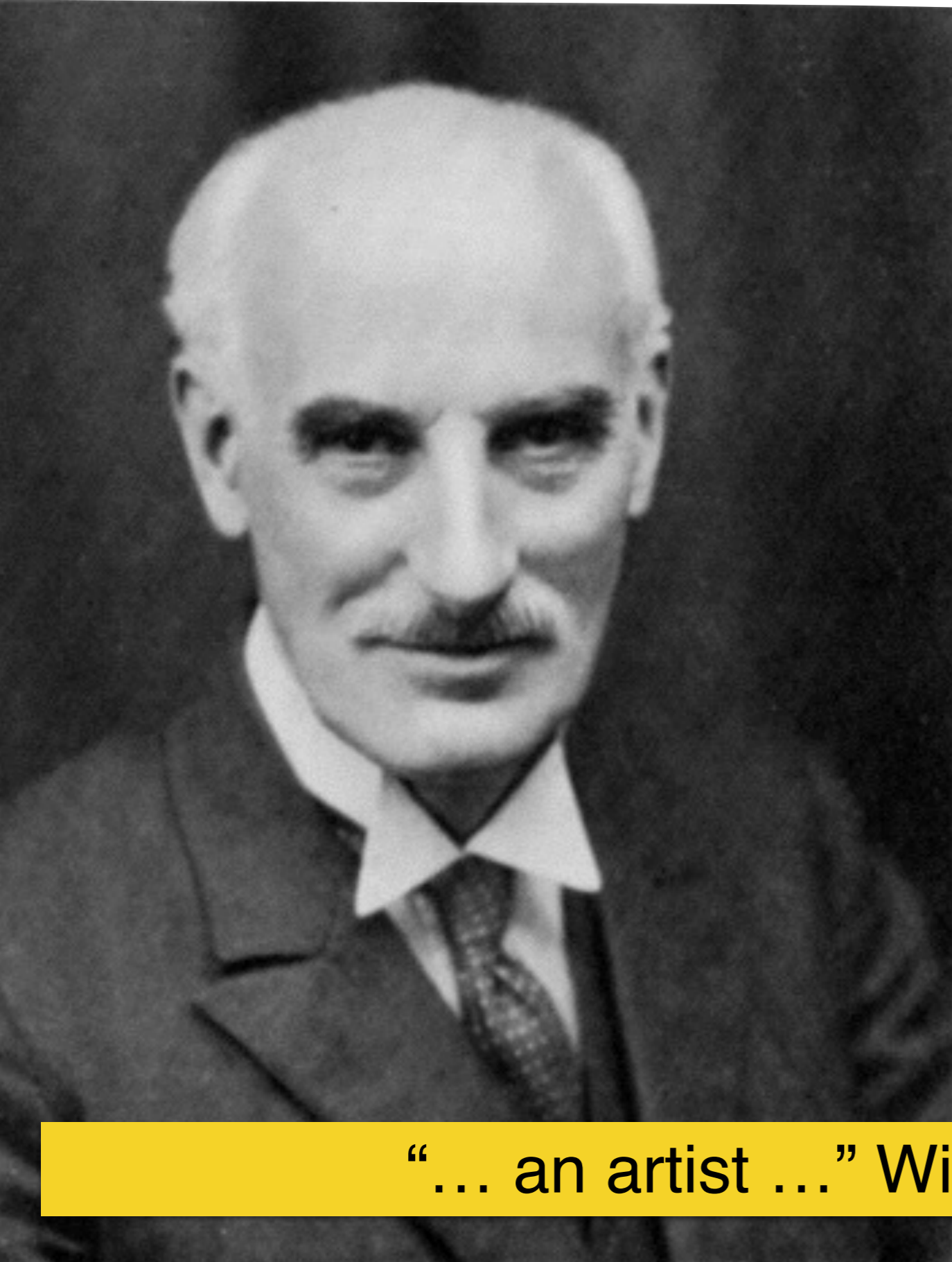


1924 ... back in the day

The Agriculture Course

8 lectures





William Hare
British Theosophist

“... an artist ...” William Hare[^]



William Hare

“When at last [Rudolf Steiner] spoke it was clear that he possessed the qualities of expositor and preacher to a matchless degree.

Also, being **an artist** to his finger tips, it was obvious why he spoke in his own tongue, of which he has an absolute mastery ... Dr Steiner ... soon holds his listeners under the spell of his power ...

... there is no artifice of irony, no rebuke, no criticism, and what is perhaps more remarkable, no appeal ...

Dr Steiner does not shrink from that thoroughgoing formality which gives to his address ... absolute clarity.

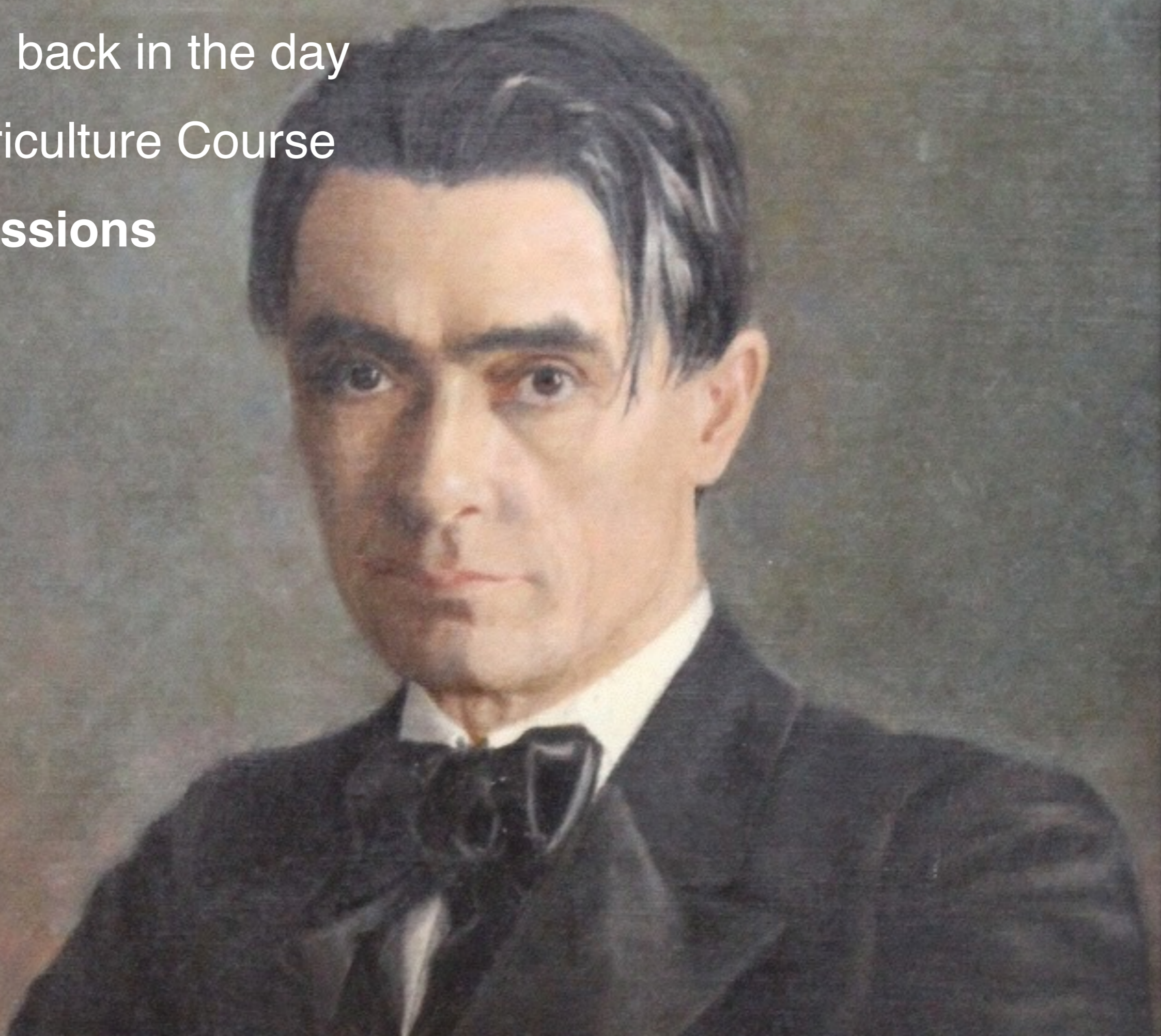
Words, phrases and formulae - and rhythmical cascades of eloquence, which sometimes reach the rapidity and force of a torrent”

Hare (UK Theosophist) (1922) in Paull (2010), pp.11-12.

1924 ... back in the day

The Agriculture Course

5 discussions

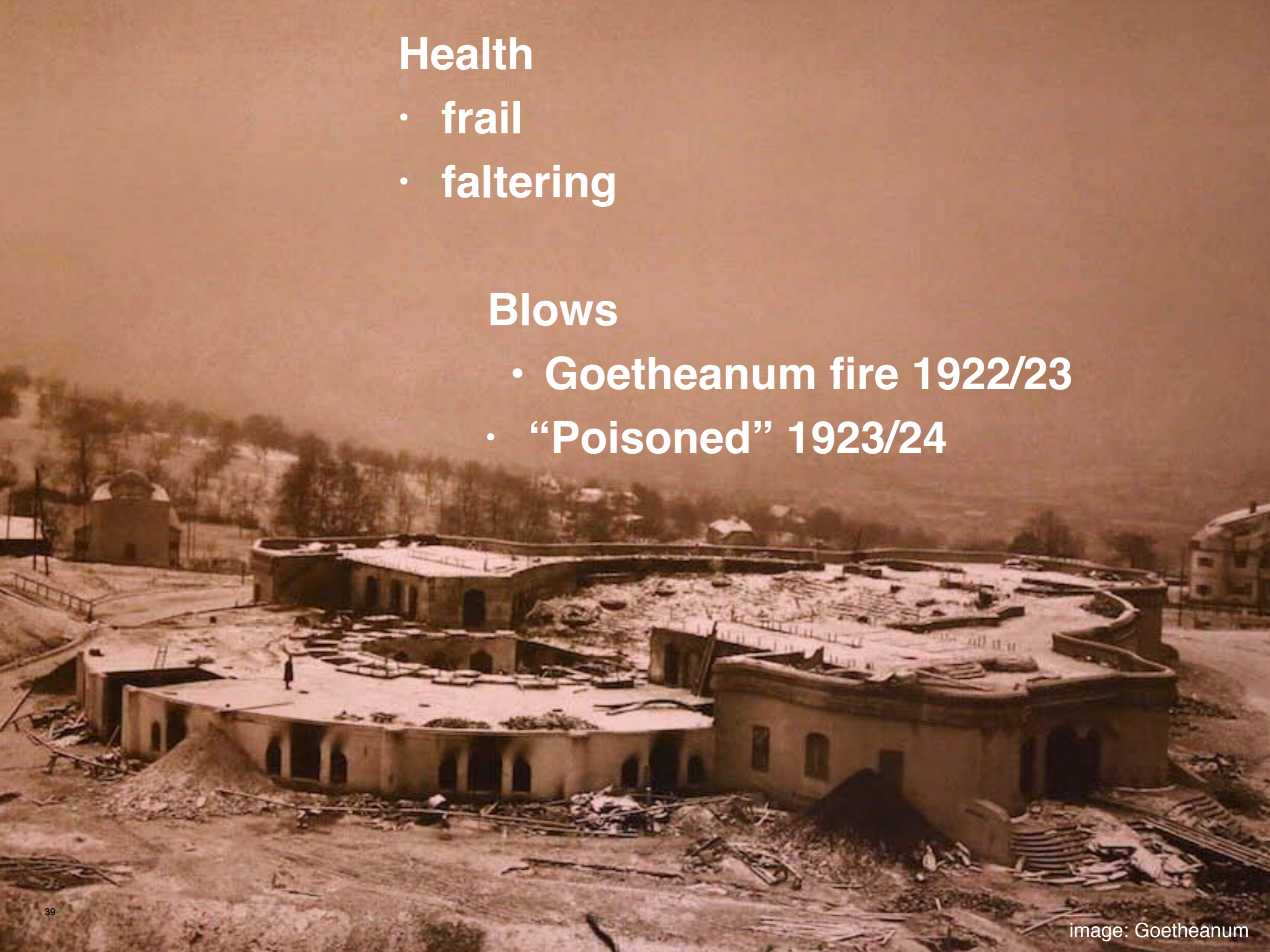


Health

- frail
- faltering

Blows

- Goetheanum fire 1922/23
- “Poisoned” 1923/24



Stefan Zweig
Austrian writer



“In his dark eyes ...” Stefan Zweig^



Stefan Zweig

“**In his dark eyes** there lived a hypnotic power and I listened to him better and more critically when looking away from him, for his ascetically gaunt face marked by spiritual passion was certainly calculated to make a convincing effect not only on the ladies ...

He was stimulating to listen to, for his learning was stupendous and wonderfully many sided ...

... to meet a man of such magnetic power ... was for me an invaluable gain

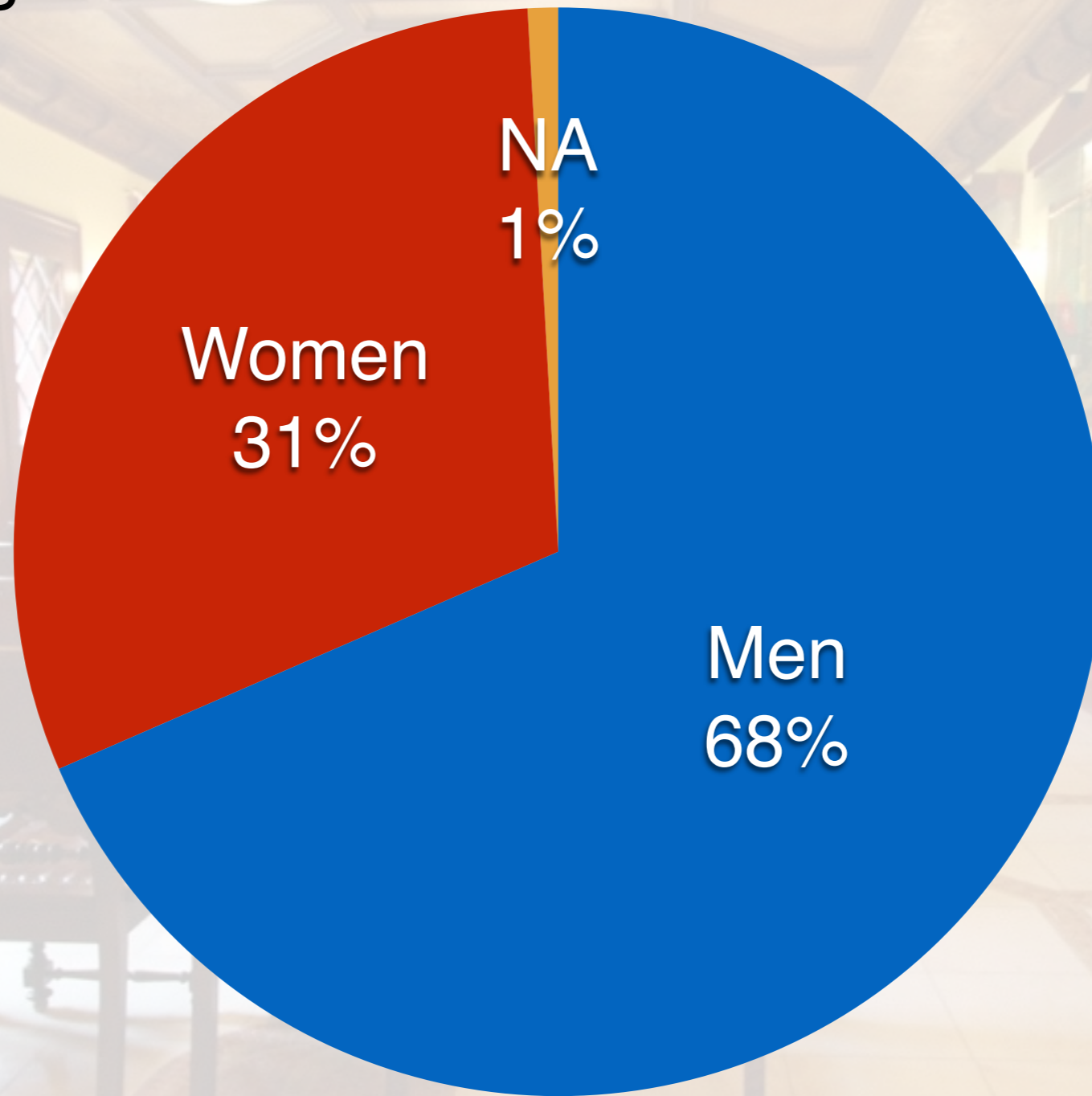
From his fantastic, and at the same time profound knowledge, I recognised that a true universality ... cannot be attained by cursory reading and discussion, but only through burning endeavour continued over years”

Zweig (1941) Die Welt von Gestern quoted in Villeneuve (2011), p695

1924 ... back in the day

111 Koberwitzers

Gender



Elisabeth Vreede
Koberwitzer

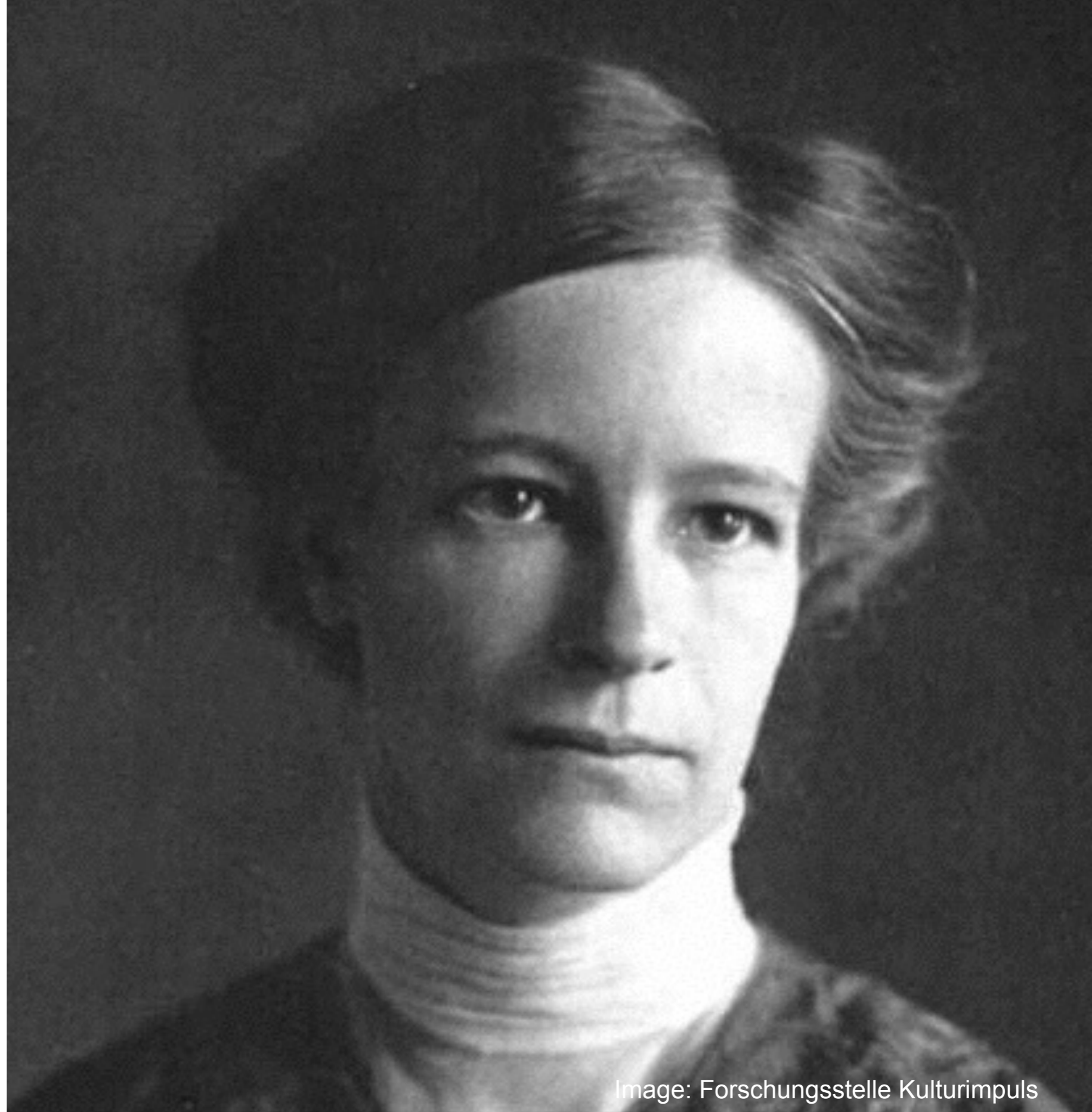


Image: Forschungsstelle Kulturimpuls

“... wonderful days ...” Elisabeth Vreede*



Elisabeth Vreede*

“The memory rises once more of those **wonderful days** of the agricultural course.

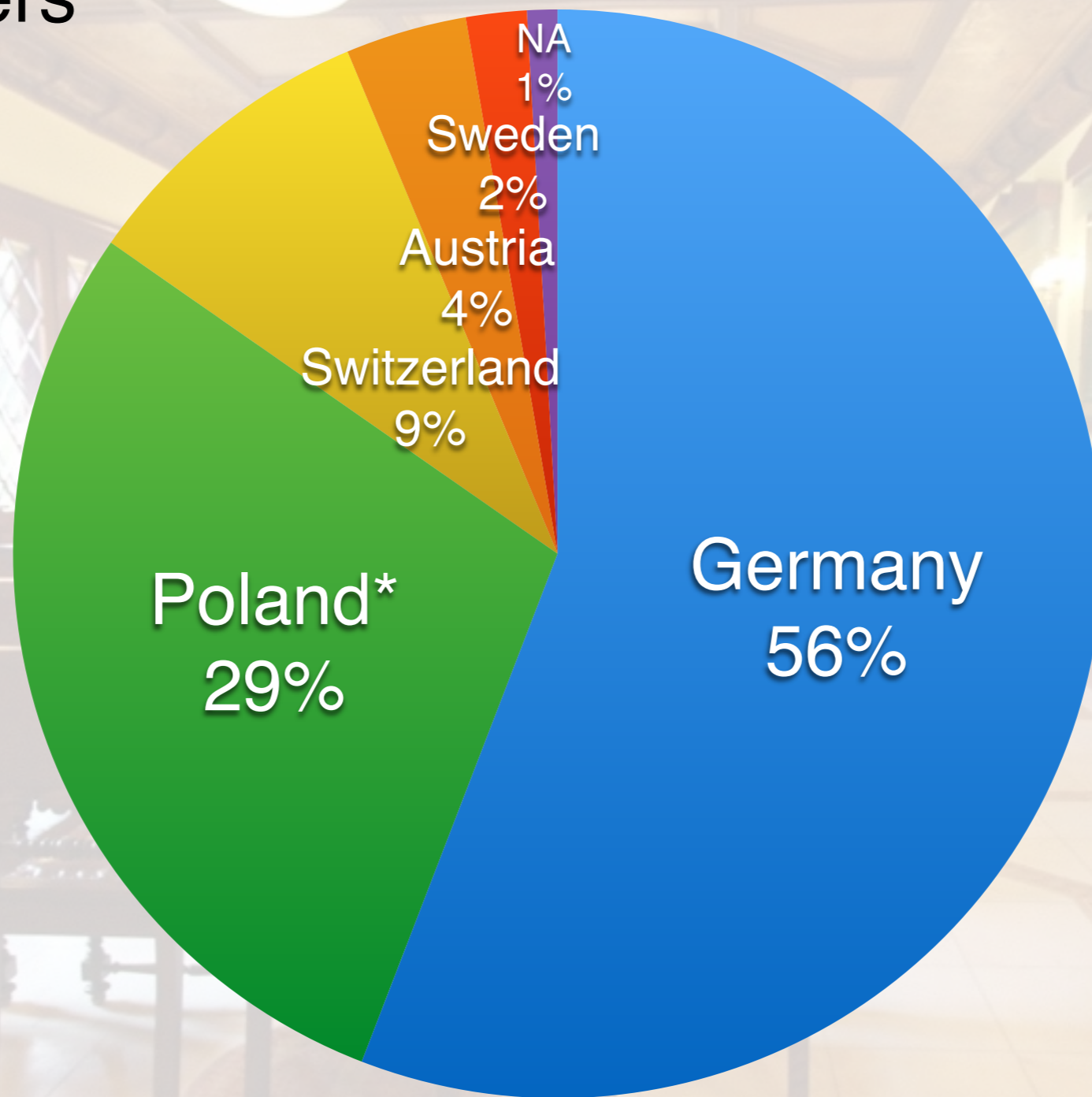
We are filled with gratitude for this person who by his iron energy persuaded the Teacher, before illness and death descended on him, to come over here and manage still to bestow this course on the world - given for farmers, and for the gain of all mankind”

Vreede (1994), p25.

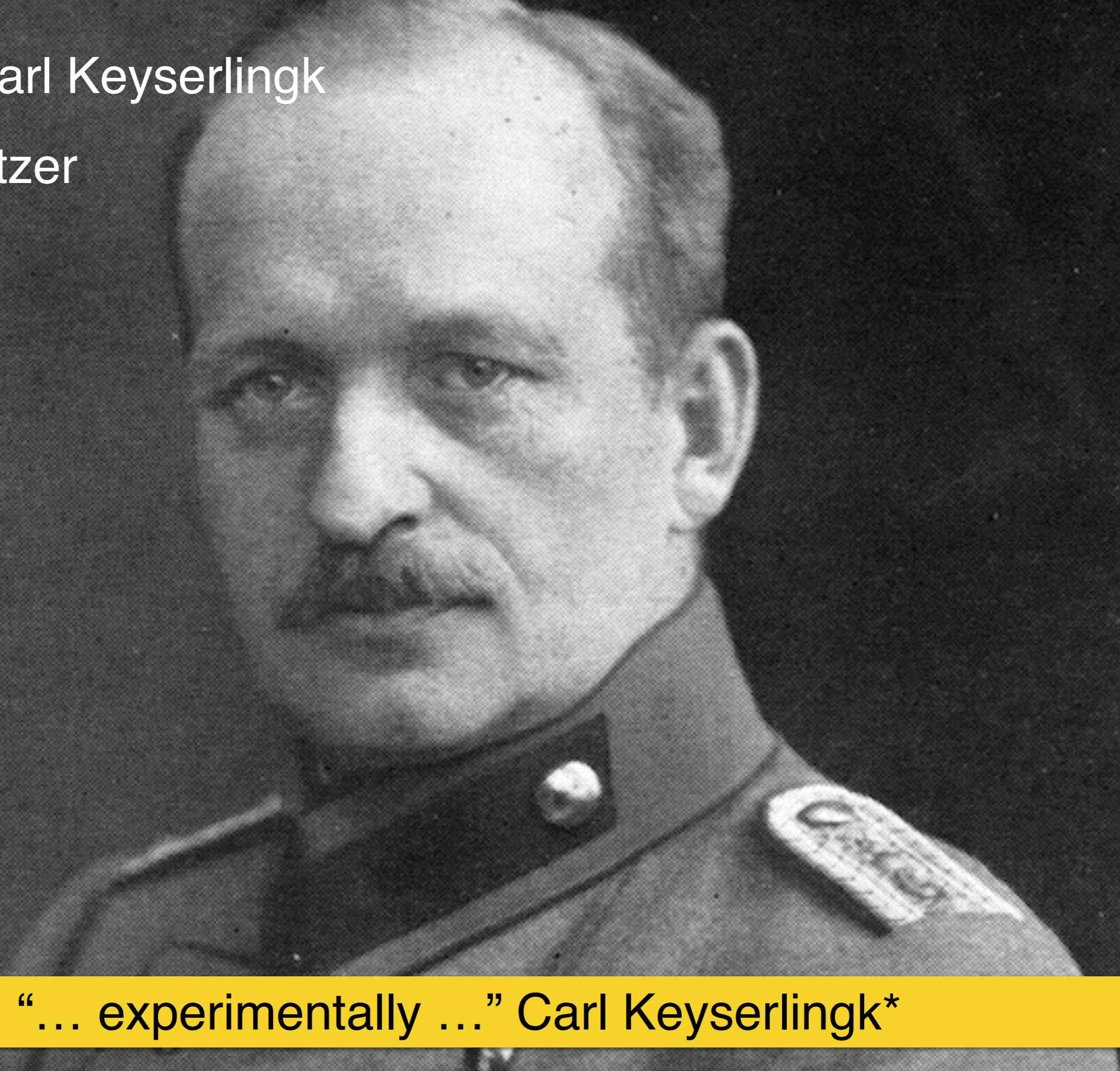
1924 ... back in the day

111 Koberwitzers

Country



Count Carl Keyserlingk
Koberwitzer



“... experimentally ...” Carl Keyserlingk*



Count Carl Keyserlingk*

“Count Keyserlingk proposed that any hints given in the forthcoming lectures should be carried out **experimentally**.

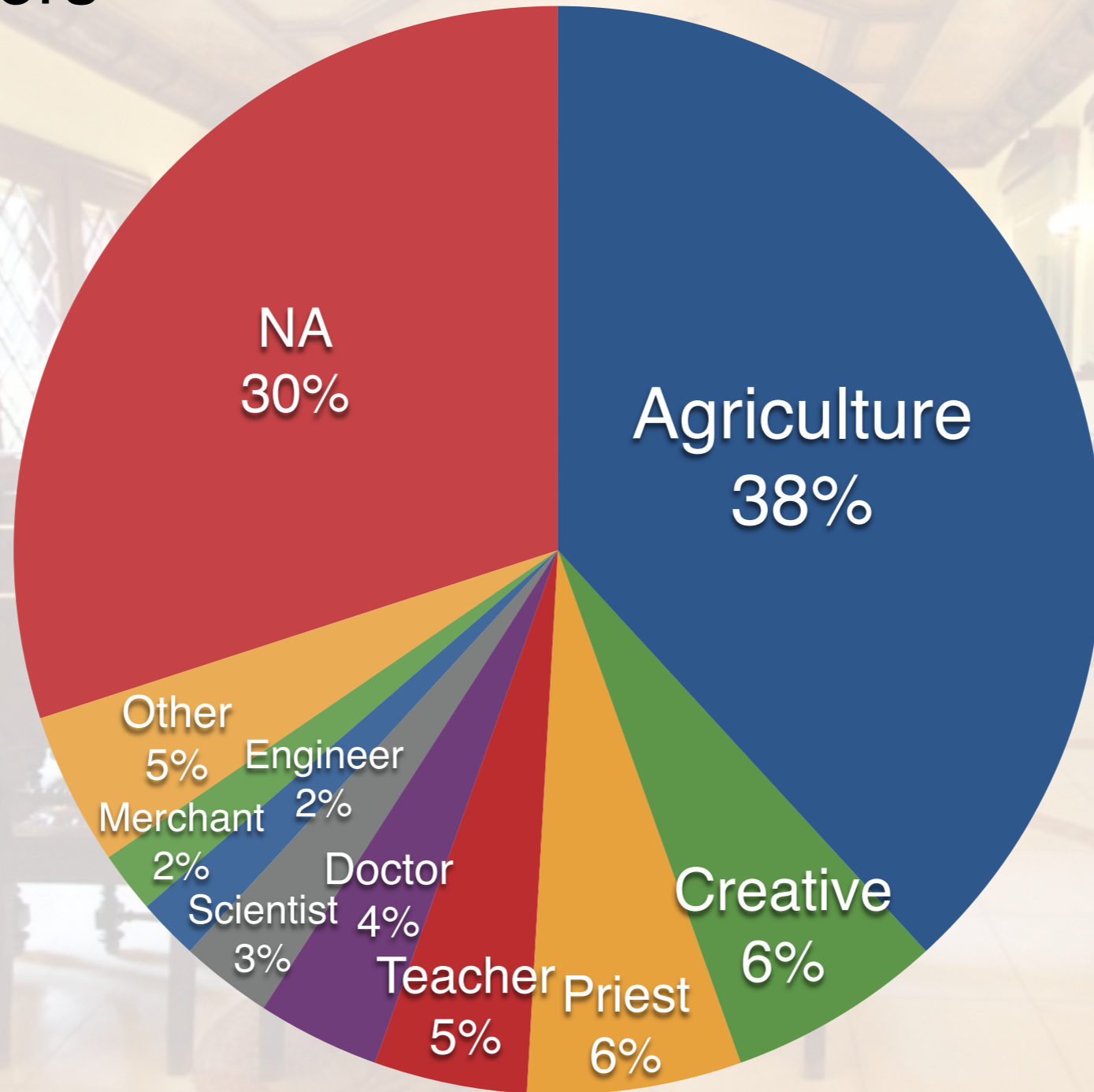
For this purpose a Farmer’s Association should be formed. This proposal was carried into effect, and the Association was founded and at a meeting of the assembled farmers immediately afterwards”.

Steiner (1924c), p.10.

1924 ... back in the day

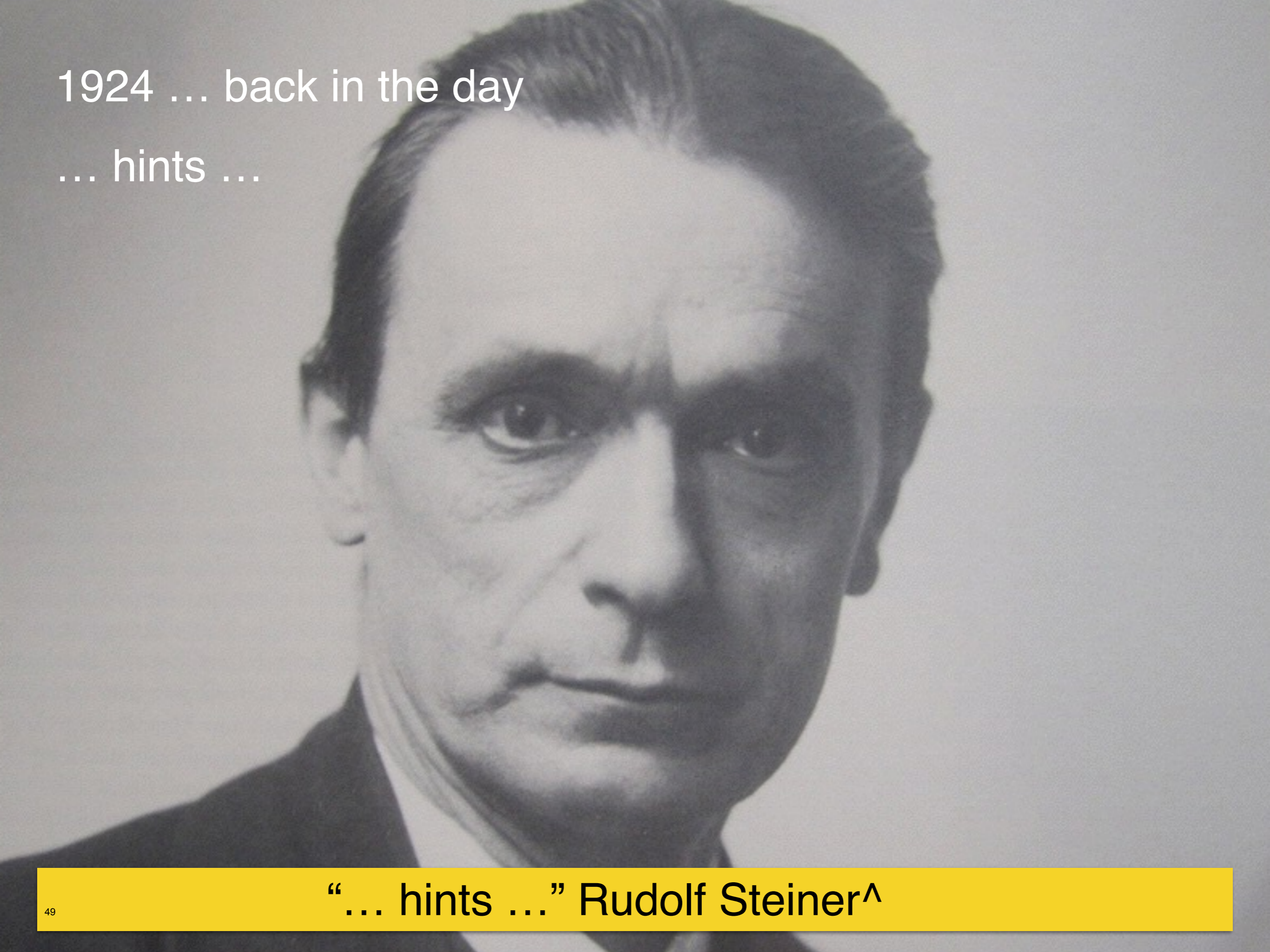
111 Koberwitzers

Profession



1924 ... back in the day

... hints ...



“... hints ...” Rudolf Steiner^



Rudolf Steiner* 2 of 2

“It was agreed that information given in the lectures should be considered first of all as **hints**, which for the present should not be spoken of outside this circle, but looked upon as the foundation for experiments and thus gradually brought into a form suitable for publication.

The Association was declared to be a union of persons attaching themselves to the Natural Science Section of the Goetheanum; its meetings were to be presided over alternately by Count Keyserlingk and Herr Stegemann.

The experimental work should be given definite aim and be continually guided by this section of the Goetheanum.

With firm and sure hand Count Keyserlingk thus gave the practical direction to the suggestions I was able to give in the lectures”

Steiner (1924c), p10.

A	B	C
4. Juni	Der Pfingstgedanke als Empfindungsgrundlage zum Begreifen des Karma (Esoterische Betrachtungen)	J 575
7. bis 16. Juni	Landwirtschaftlicher Kursus (Privatdruck für die Mitglieder des Versuchsrings. 8 Vortr.)	N 498, 575, 580
24. Juni bis 12. Juli	Eurythmie als sichtbare Sprache (15 Vortr.)	K 195, 480, 586, 587
1. Juli bis 8. Aug.	Esoterische Betrachtungen karmischer Zusammenhänge. III. Teil (Esoterische Betrachtungen. 11 Vortr.)	588, 589, 592
17. bis 24. Juli	Der pädagogische Wert der Menschenkenntnis und der Kulturwert der Pädagogik (10 Vortr.)	P 380, 590
17., 21. u. 24. Juli	Was kann die Heilkunst durch eine geisteswissenschaftliche Betrachtung gewinnen? (3 Vortr.) [Vergriffen]	M 397, 591
18. bis 20. Juli	Das Karma der Anthroposophischen Gesellschaft und der Inhalt der anthroposophischen Bewegung (Esoterische Betrachtungen. 3 Vortr.)	591
11. bis 22. Aug.	Das Initiatenbewußtsein. Wahrheit und Irrtum in der geistigen Forschung (11 Vortr.)	270, 594, 595, 607
12. bis 18. Aug.	Men. 5, 1-8: Pädagogischer Kursus I-VII	P 596
14. Aug.	Gaia I, 3: Natura-Persephoneia	594
24., 24. u. 27. Aug.	Esoterische Betrachtungen über das Karma im einzelnen Menschen und in der Menschheits-Entwicklung (Esoterische Betrachtungen. 3 Vortr.)	596
29. Aug.	Men. 14, 3: Zur Besprechung von Erziehungsfragen	P 597
30. Aug.	Men. 14, 4: Über Erziehungsfragen	P 597
5. bis 23. Sept.	Sprachgestaltung und Dramatische Kunst. 19 Vorträge, gehalten für die Sektion der Redenden und Musischen Künste am Goetheanum	K 158, 597, 598
5. bis 23. Sept.	Esoterische Betrachtungen karmischer Zusammenhänge. IV. Teil (Esoterische Betrachtungen. 10 Vortr.)	589, 597, 602

7-16 June 1924: Koberwitz

28 September 1924: Sickbed

30 March 1925: RIP

The Studio

- 'atelier'
- retreat
- Schreinerei



Guenther Wachsmuth
Koberwitzer

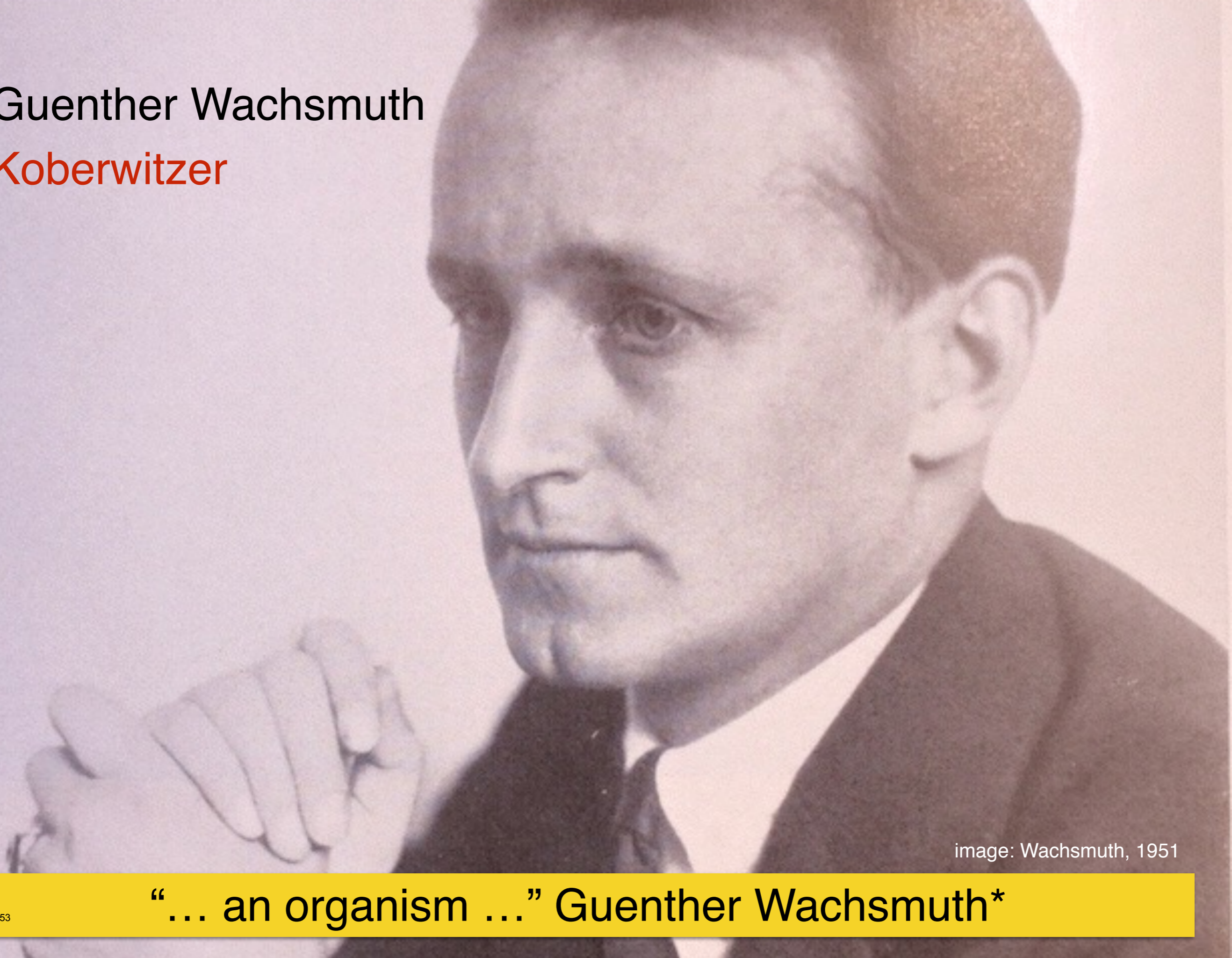


image: Wachsmuth, 1951

“... an organism ...” Guenther Wachsmuth*



Guenter Wachsmuth*

“He set forth concrete measures necessary for the development of an agricultural undertaking as **an organism** with its own foundation, self-inclosed as a living unity and totality...

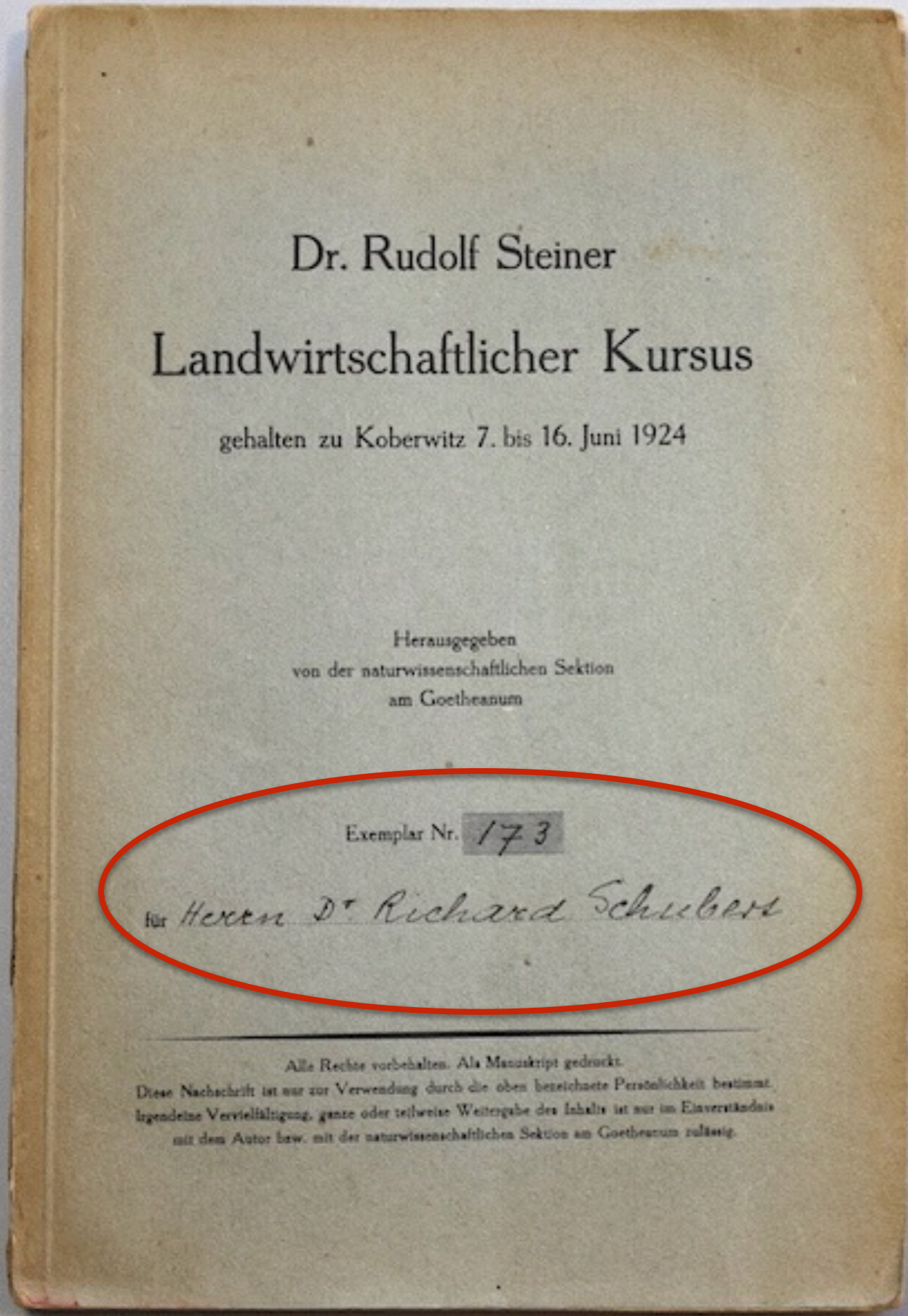
I still remember vividly how, during the journey between Breslau and Jena, after a period of silent reflection about the [agricultural] conference, he said suddenly with a strong and joyful emphasis: ‘Now we have accomplished also this important work’.

Seldom have I seen him so joyfully moved after the completion of a task as in this moment after the agricultural conference.

Several times later he referred again in conversation in happy remarks to these days ...

All of this was brought to completion while the earthly body [of Rudolf Steiner] in the last years bore inexpressible suffering.”

Wachsmuth (1989), p.549,552,576.



c.1926

1st edition

Flimsy edition

Numbered

Named

Experimental Circle

Non Disclosure Agreement
(NDA)

3 years

est. 200 copies*

Adalbert Keyserlingk
Koberwitzer



“... the first vessel ...” Adalbert Keyserlink*



Adalbert Keyserlink*

“My father, [Carl Keyserlingk], wanted to obtain the first practical results from these new methods. But even in that he met with one disappointment after another ...

We moved to Koberwitz four years before the Agricultural Course; and we moved out four years after it.

Yet Koberwitz and Carl Keyserlingk were for Rudolf Steiner the place and the person which offered **the first vessel** for a new agriculture, in which it could be carried out into the world.”

von Keyserlingk (1999), p.96.

More than 300 copyedits...

man die Landwirtschaft gestalten soll. Das Ganze, sowohl das Abhalten von nationalökonomischen Vorträgen wie das Schreiben von solchen Büchern ist ein offener Unsinn. Aber offenerer Unsinn wird heute in weitesten Kreisen getrieben. Denn selbstverständlich sollte jeder erkennen, daß man über die Landwirtschaft nur sprechen kann, auch in ihrer ^{spezialisirten} Gestaltung, wenn man die Sache der Landwirtschaft zuerst als Unterlage hat, wenn man wirklich weiß, was Rübenbau, Kartoffelbau, Getreidebau bedeuten. Ohne das kann man auch nicht über die nationalökonomischen Prinzipien sprechen. Diese Dinge müssen aus der Sache heraus, nicht aus irgendwelchen theoretischen Erwägungen festgestellt werden. Wenn man etwas spricht heute vor denjenigen Menschen, die an der Universität eine Anzahl von Kollegs gehört haben über Nationalökonomie in bezug auf die Landwirtschaft, dann kommt ihnen das ganz absurd vor, weil ihnen die Sache so festrusteben scheint. Das ist aber nicht der Fall, über die Landwirtschaft kann nur derjenige urteilen, der sein Urteil vom Feld, vom Wald, von der Tierzucht hernimmt. Es sollte einfach alles Gerede abhören über Nationalökonomie, das nicht aus der Sache selber heraus genommen ist. Solange man das nicht einsehen wird, daß es ein bloßes Gerede ist, was über den Dingen schwebend in nationalökonomischer Beziehung gesagt wird, so lange wird es zu nichts Aussichtsvollem kommen, nicht auf diesem landwirtschaftlichen, nicht auf anderem Gebiete. Daß es so ist, daß man glaubt, aus den verschiedensten Gesichtspunkten her über die Dinge reden zu können, das kommt nur davon her, daß man wiederum innerhalb der einzelnen Lebensgebiete selber nicht auf die Grundlagen zurückgehen kann. Daß man eine Rübe ja als eine Rübe ansieht, gewiß, sie schaut so und so aus, läßt sich leichter oder schwerer schneiden, hat diese Farbe und diese oder jene Bestandteile in sich, das alles kann man sagen. Aber damit ist die Rübe noch lange nicht verstanden und in allen Dingen nicht das Zusammenleben der Rübe mit dem Acker, mit der Jahreszeit, in der sie wächst, usw. usw., sondern man muß sich über folgende klar sein.

Ich würde einen Vergleich gebrauchen, um auf anderen Lebensgebieten das klar zu machen. Man sieht eine Magnetnadel, man entdeckt, daß der Nadel immer mit dem einen Ende nach Norden, mit dem andern nach Süden zeigt. Man denkt nach, warum das ist, man sucht die Ursache ³ dara nicht in der Magnetnadel, sondern in der ganzen Erde, indem an ihrer einen Seite den magnetischen Nordpol, ihrer anderen den magnetischen Südpol gibt. Würde jemand in der Magnetnadel selber die Ursache suchen, daß sie sich ⁴ so verhält, so würde er einen Unsinn reden.

6 * ...
** ...

Denn in ihrer Lage kann man die Magnetnadel nur verstehen, wenn man weiß, in welcher Beziehung sie zur ganzen Erde steht. Alles das, was für die Magnetnadel als ein Unsinn erscheint, das gilt für viele andere Dinge den Menschen als Sinn. Wenn auch die Rübe in der Erde wächst, so ⁵ sagen, wie sie ist in diesen ihren engen Grenzen, so ist das in dem Augenblick ein Unding, wenn diese Rübe in ihrem Wachsen vielleicht abhängig ist von unzähligen Umständen, die gar nicht einmal auf der Erde, sondern in der kosmischen Umgebung der Erde vorhanden sind. Und so erklärt man heute vieles, so richtet man vieles im praktischen Leben ein, als ob man es nur zu tun hätte mit den engumgrenzten Dingen und nicht mit den Wirkungen, die aus der ganzen Welt kommen. Die einzelnen landwirtschaftlichen Gebiete haben furchtbar darunter gelitten und würden diese Leiden viel mehr zeigen wenn nicht, ich möchte sagen, trotz aller Wissenschaft der neueren Zeit, ein gewisser Instinkt vorhanden wäre, ⁶ wo man mit dem Instinkt zusammenarbeitet und nicht mit der Wissenschaft. Ich muß auf einem anderen Gebiete immer froh sein darüber, wenn diejenigen Menschen, die von ihren Ärzten verschrieben haben, wieviel Gramm Fleisch sie essen sollen, wieviel Kohl, — es haben manche Leute neben sich eine Waage und wiegen sich zu alles das, was da kommt auf den Teller — ich muß immer wieder denken, — das ist ja schön selbstverständlich, man soll so etwas wissen, — es ist doch gut, daß der Betreffende auch den Hunger spürt, wenn er ⁷ nicht noch nicht genug hat, daß noch dieser Instinkt vorhanden ist. So war der Instinkt eigentlich allem zugrunde liegend, was Menschen tun mußten, bevor eine Wissenschaft auf diesem Gebiete da war. Und diese Instinkte haben manchmal ganz sicher gewaltet; und man kann heute noch immer außerordentlich überrascht sein, wenn man in solchen alten Bauernkalendern die Bauernregeln liest, wie ungeheuer weise und verständlich das ist, was sie ausdrücken. Denn, um in solchen Dingen nicht abergläubisch zu sein, dazu hat noch auch der instinkthafte tiebere Mensch die Möglichkeit. Ebenso wie man außerordentlich für die Sache tief sinnige Aussprüche hat, die für die Aussaat und Ernte gelten, findet man ⁸ alle mögliche Firtanzerei ⁹ Zum Beispiel: Kräht der Hahn auf dem Mist, so regnet es, oder es bleibt, wie es ist. Der nötige Humor ist auch in diesem instinkthafte überall darinnen, um Abergläubische abzuweisen. Es handelt sich, wenn hier vom anthroposophischen Gesichtspunkte aus gesprochen wird, wirklich darum, nicht zurückzugehen zu den alten Instinkten, sondern aus einer tieferen geistigen Einsicht heraus das zu finden, was die unsicher gewordenen Instinkte immer weniger geben können.

Dazu ist notwendig, daß wir uns einlassen auf eine starke Erweiterung

* ¹⁰ ...
** ¹¹ ...

Copyedits - 1st edition to 2nd edition

insertions, substitutions & deletions

und umrührt
ins Wasser gießt, ein wirkliches Durchdringen da. Man muß ein inniges Durchdringen hervorrufen, und es ist immer, wenn man eine nur einigermaßen dicke Substanz hineinschüttet, oder wenn man nicht kräftig rührt, auch keine gründliche Vermischung da. Ich glaube, ^{ist} daß es für diese Menschen leichter ~~ist~~, wenn ~~sie einen halben Eimer mit weniger Substanz rühren~~, *er möglichst viele halbe Eimer mit geringeren Substanzmengen verrührt, als wenn er die Lösung wieder rühren sollte.*

Frage: Könnte man die Flüssigkeit, in der immer noch feste Bestandteile zurückbleiben werden, durchsehen, um sie mit einem Sprühapparat besser verteilen zu können?

Antwort: Das glaube ich, wird nicht nötig sein. Denn wenn schnell umgedreht wird, dann bekommt man eine ziemlich trübe Flüssigkeit, dann wird man keine Rücksichten zu nehmen brauchen, ob da noch irgendwelche Fremdkörper drinnen sind. Der Mist wird sich richtig verteilen lassen. Reiner Kuhmist ist der beste, aber ich glaube nicht, daß man sich dieser Mühe unterziehen muß, auch wenn fremde Körper drinnen sind, extra eine Reinigung auszuführen. Wenn Fremdkörper drinnen sind, so werden sie unter Umständen, ohne daß sie eine Schädlichkeit haben, vielmehr sehr günstig wirken



1929

2nd edition

**Canonical edition
settled**

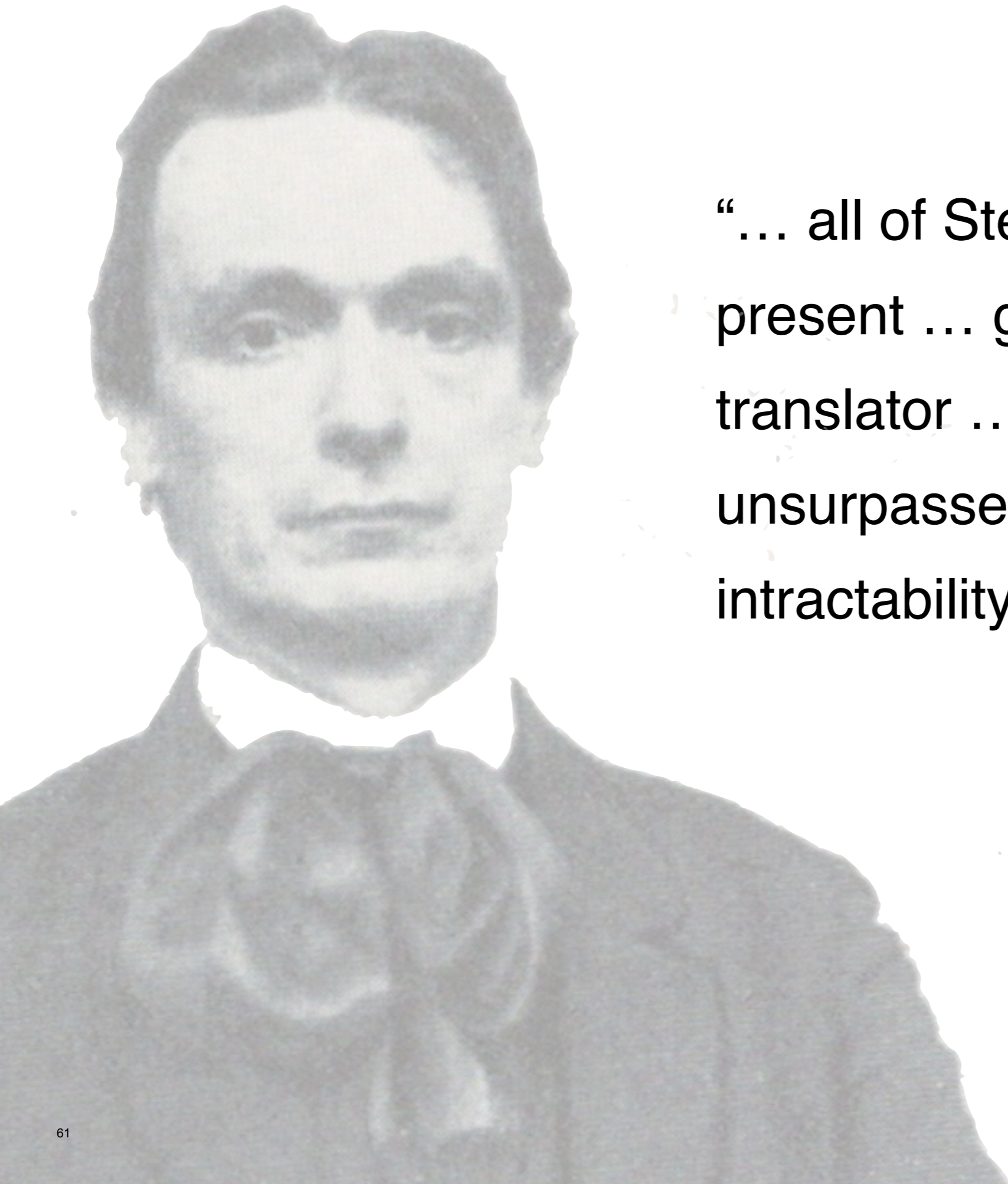
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Experimental Circle

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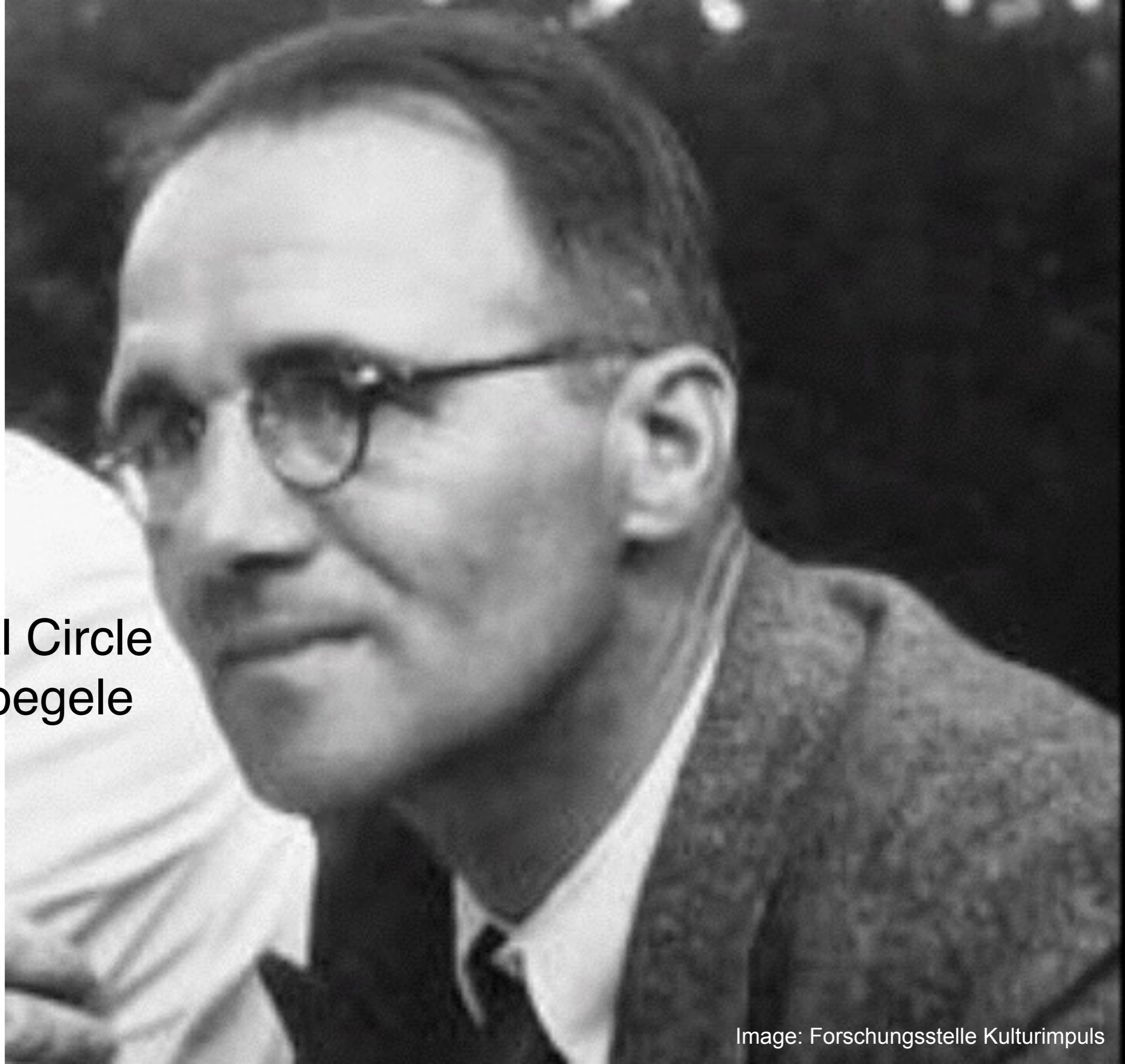
20 years



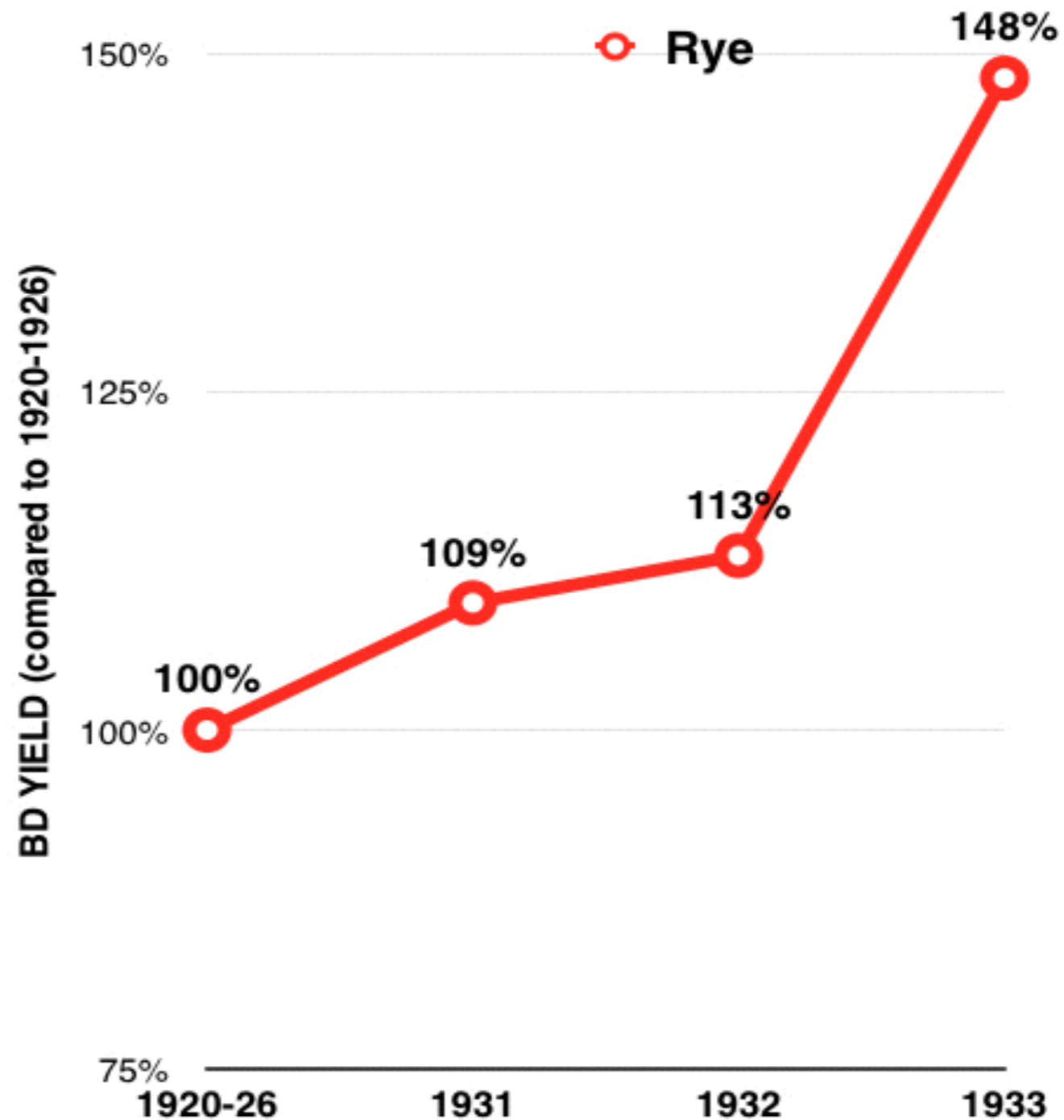
“... all of Steiner’s works ...
present ... great difficulties to a
translator ... at times ...
unsurpassed in translational
intractability”

Crispian Villeneuve, 2011, p.705

Experimental Circle
Immanuel Voegele
Koberwitzer



Immanuel Voegele, Koberwitzer



Immanuel Voegele* “...about my BD rye ...”



Immanuel Voegele*

“It was in 1926-1927 that a beginning was made with the bio-dynamic methods ...

Pilgramshain is ... one of those estates on which the bio-dynamic method was tried out in practice in its early stages ...

The success of all the steps we have taken that have been derived from bio-dynamic agriculture shows itself in the striking improvement in our soil ...

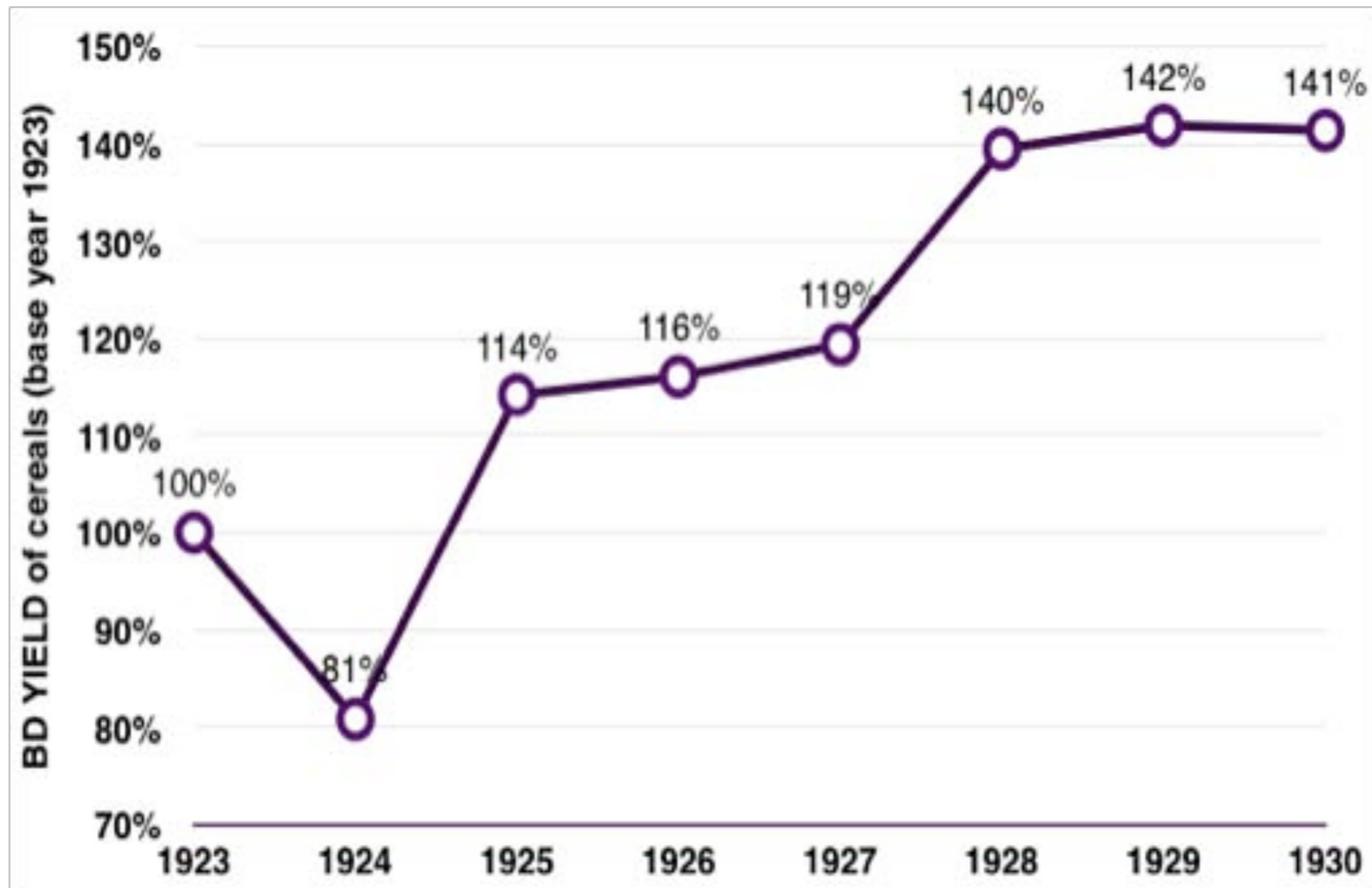
Yields increase, and crops become more uniform”

Voegele quoted in Paull (2024b), p.3.

Experimental Circle
Ernst Stegemann
Koberwitzer



Ernst Stegemann, Koberwitzer



Ernst Stegemann* “... about my BD cereal crop...”



Ernst Stegemann*

“The conditions of the soil improve greatly under the new methods.

It becomes much more friable ...

The loose nature of the top layer especially appeals to every farmer, as the soil is more easily worked and the whole water-household of the soil is improved.”

Account quoted in Paull (2023), p.3.

5 Fruits of Koberwitz



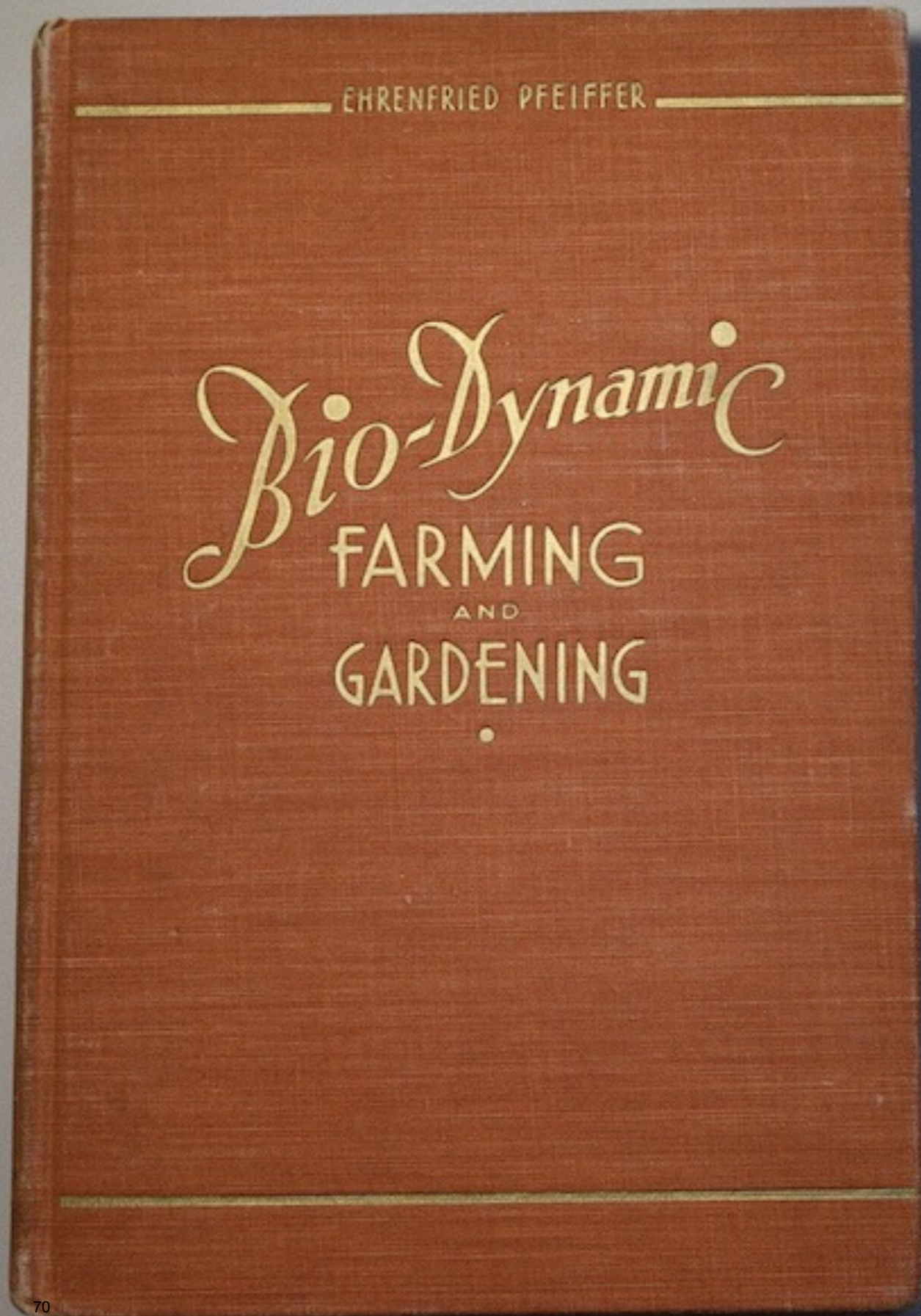
fruit (i) Product differentiation



1930s

- Biodynamic
- Standard
- Logo
- Labelling

fruit (ii) Global diffusion - Ehrenfried Pfeiffer



1938

- English
- German
- French
- Italian
- Dutch

Ehrenfried Pfeiffer



“The most important thing ...” Ehrenfried Pfeiffer^



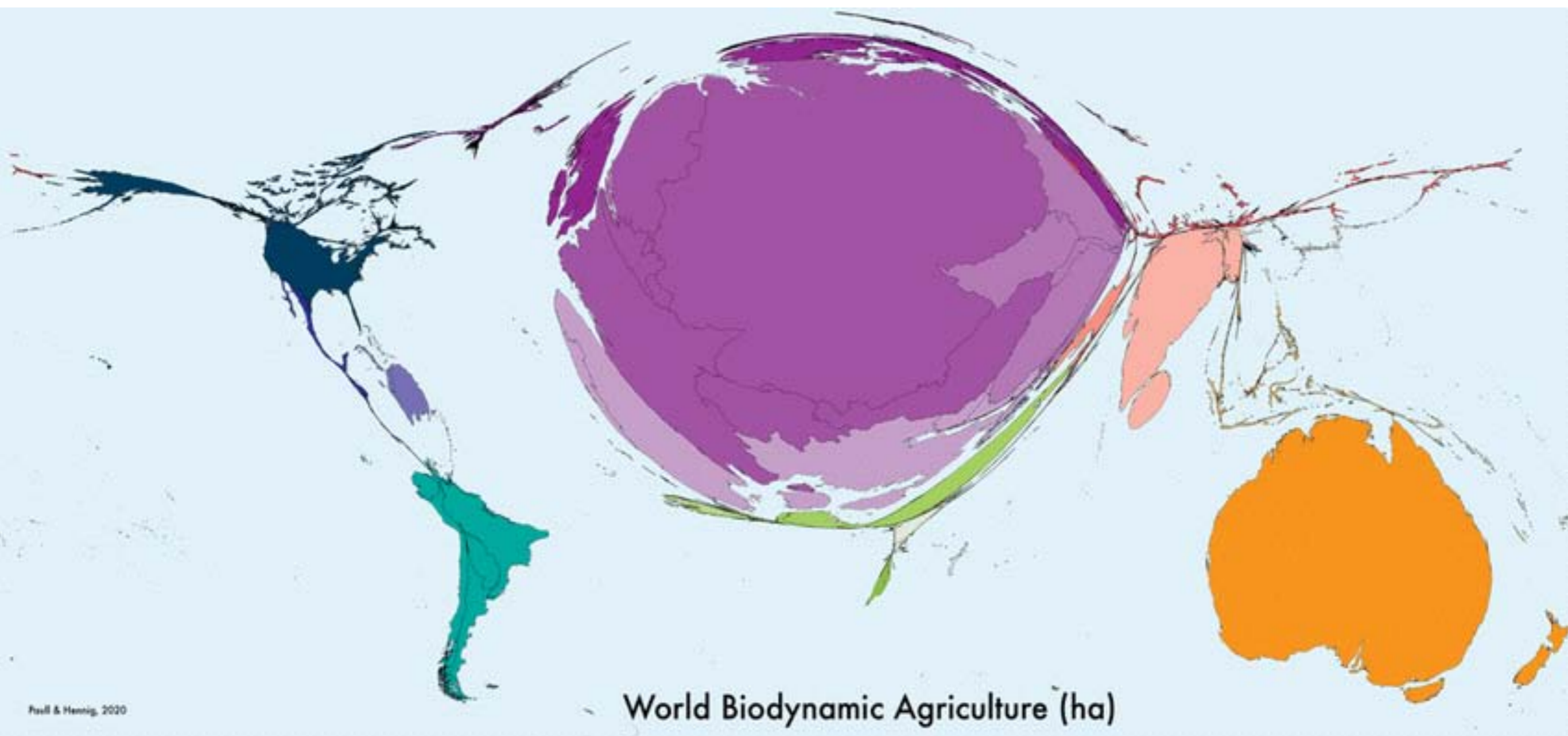
Ehrenfried Pfeiffer

“The most important thing is to make the benefits of our agricultural preparations available to the largest possible areas over the entire earth, so that the earth may be healed and the nutritive quality of its produce improved in every respect.

That should be our first objective.

The experiments can come later”

Pfeiffer (1958).



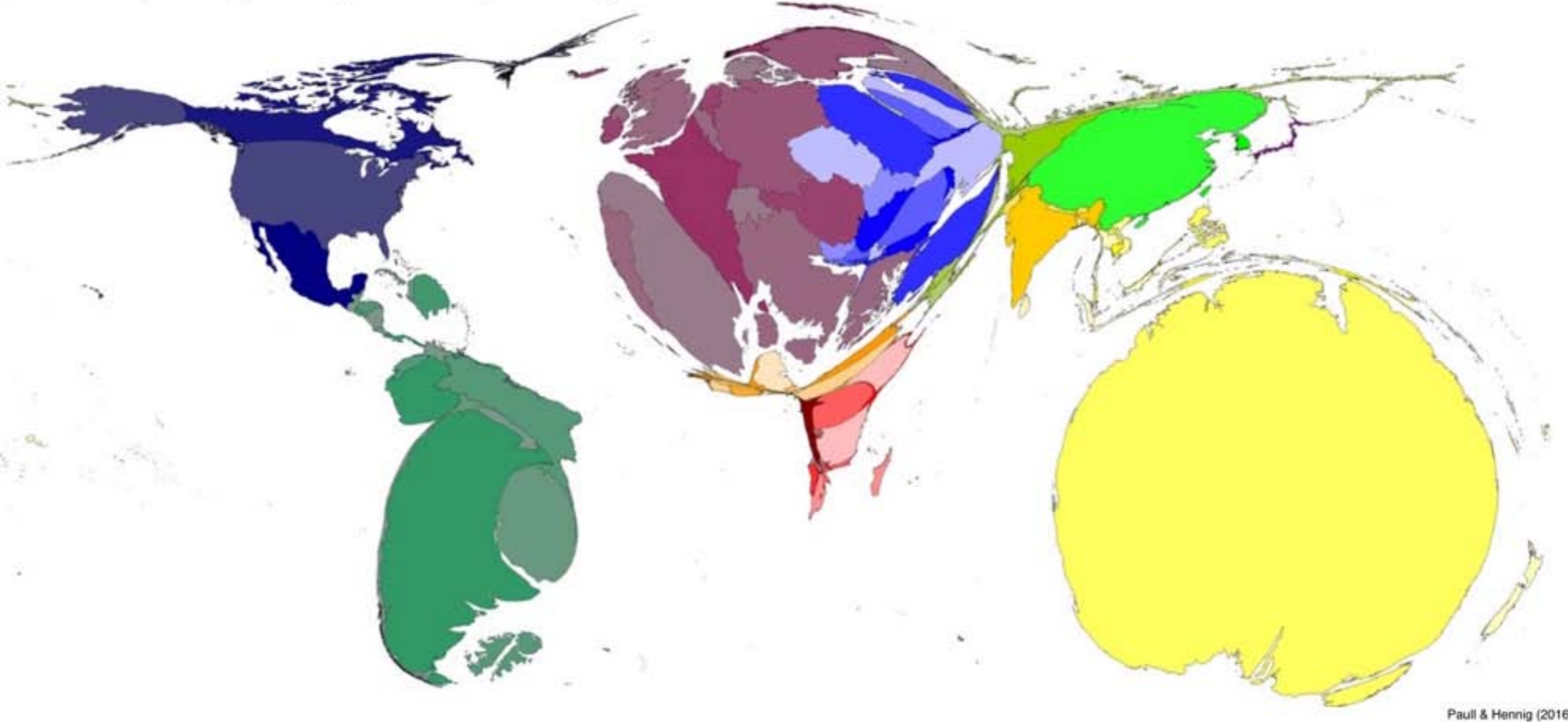
Biodynamic agriculture: 309,500 hectares*
60 countries

fruit iii) organic agriculture

1940

- British Biodynamic farmer
- Lord Northbourne
- Oxford
- Betteshanger Conference, UK, 1939
- Ehrenfried Pfeiffer
- **“the farm is an organism” > “organic farming”**
- Book: ‘Look to the Land’ 1940
- “chemical versus organic farming”

World Map of Organic Agriculture (hectares)



Organic agriculture: 96.3 million hectares*
188 countries
€135 billion pa

fruit (iv) IFOAM - Organics International

1972



Swedish Biodynamic Association
one of 5 founders of IFOAM

fruit (v) EPA

2 US Biodynamic farmers

Marjorie Spock & Polly Richards

Long Island Spray Trial (1957-60)

& Ehrenfried Pfeiffer



Rachel Carson

'Silent Spring' 1962



EPA

Environmental Protection Agency

1970

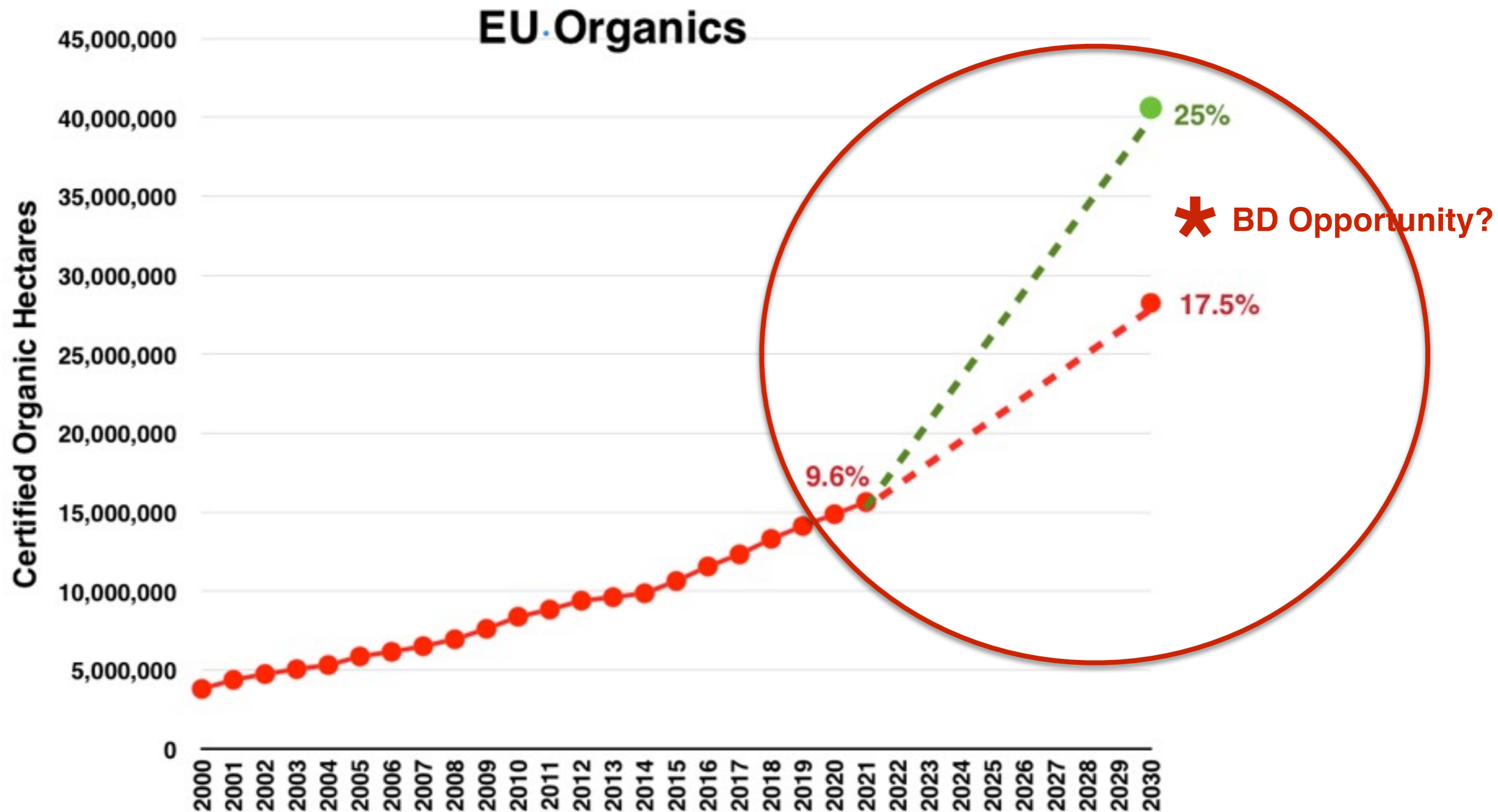


Rachel Carson

#1 What if

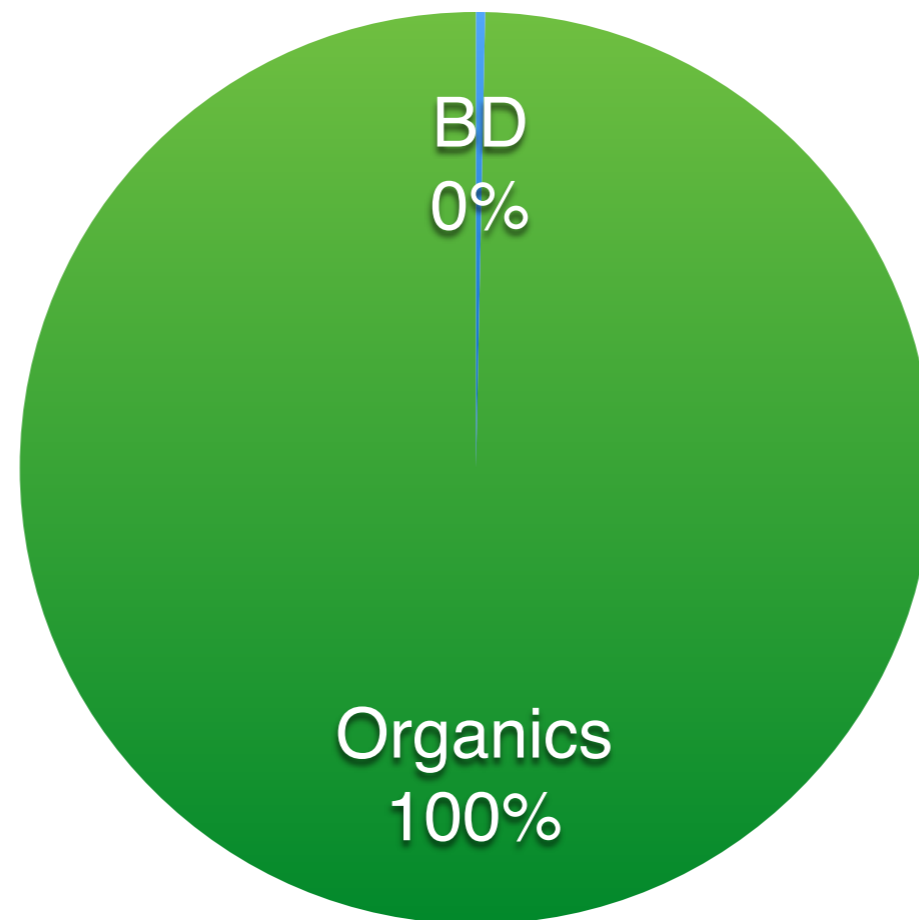
Great BD Opportunity*?

EU to be 25% Organic by 2030



BD Opportunity: EU to be 25% Organic by 2030

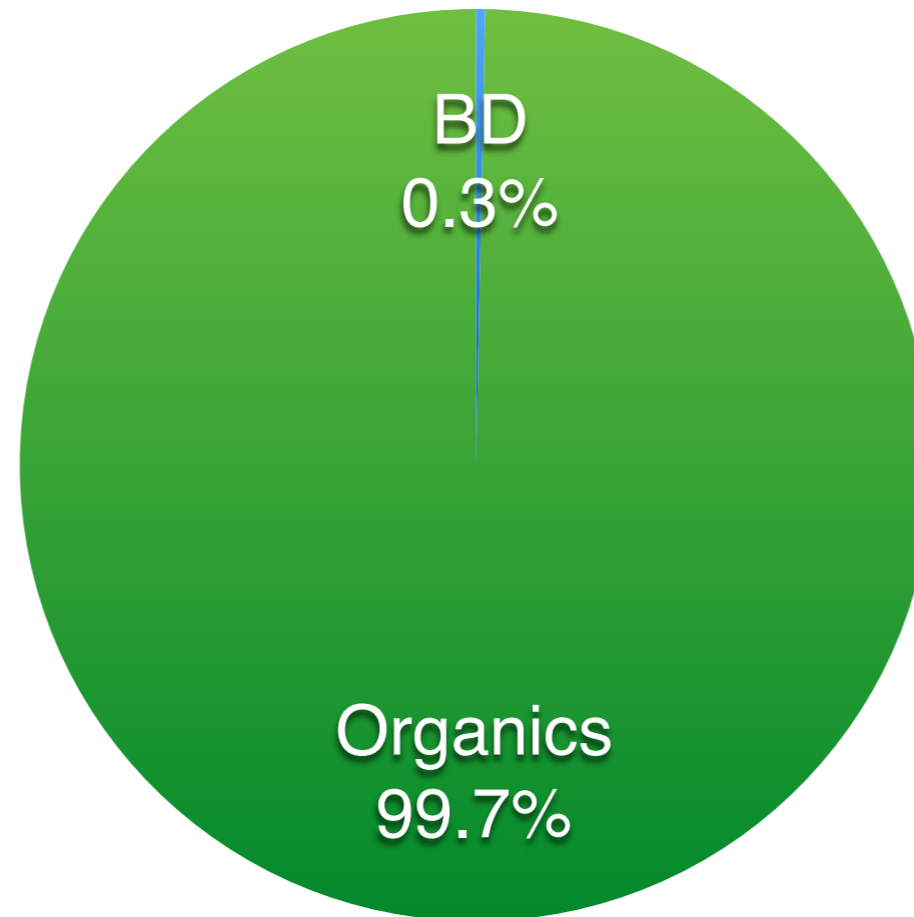
WORLD



(in round numbers)

BD Opportunity: EU to be 25% Organic by 2030

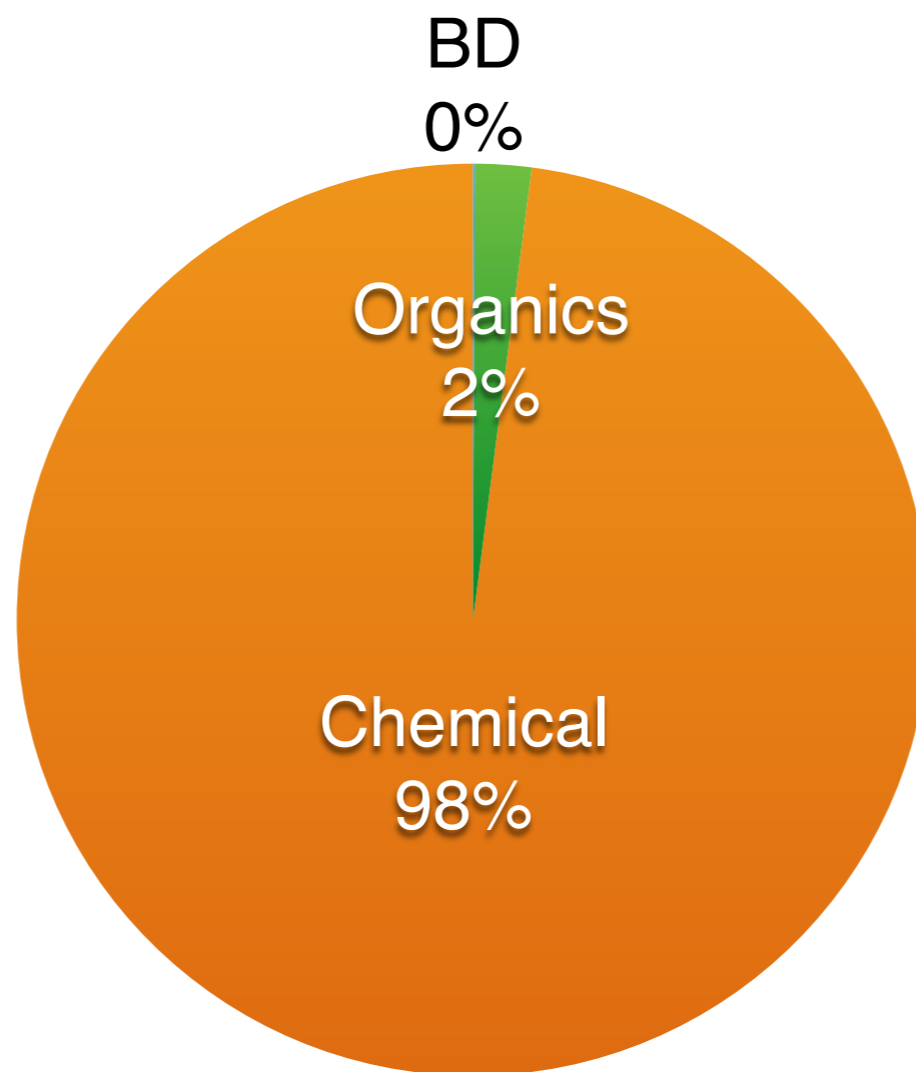
WORLD



*BD is 0.3% of world organics

BD Opportunity: EU to be 25% Organic by 2030

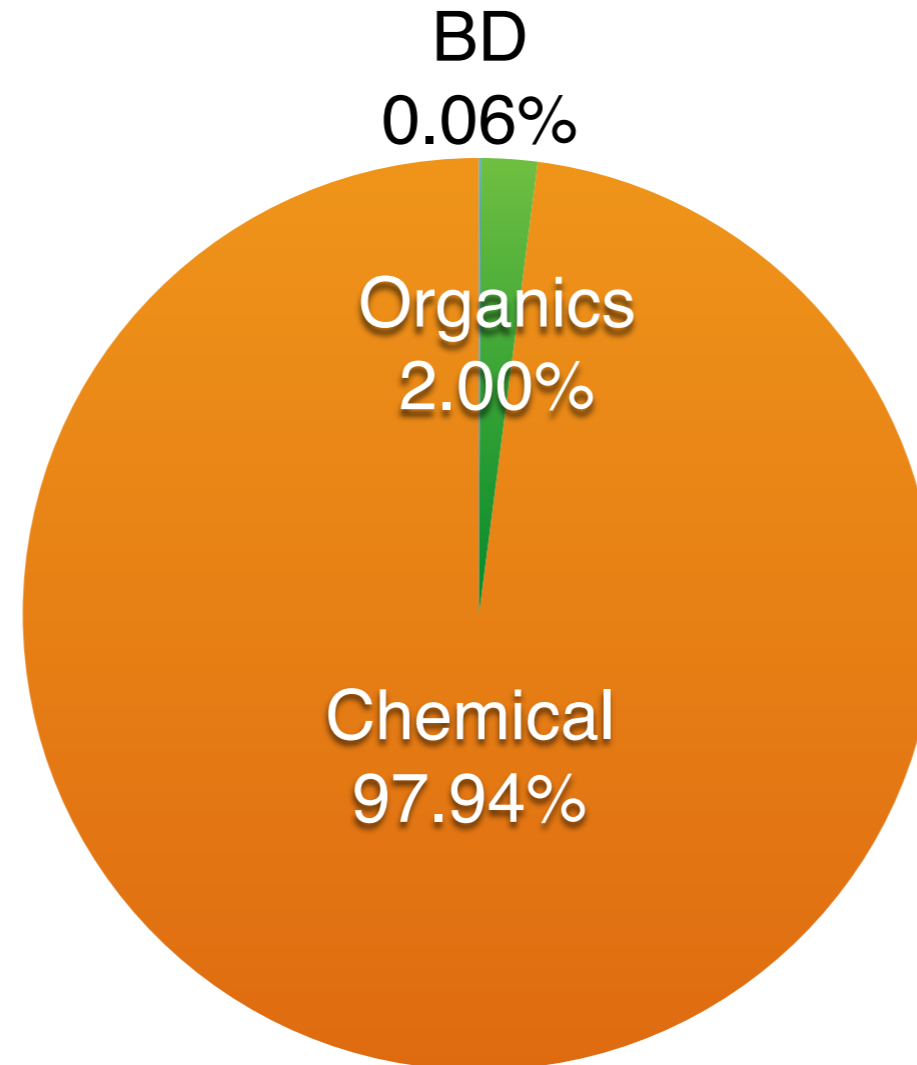
WORLD



(in round numbers)

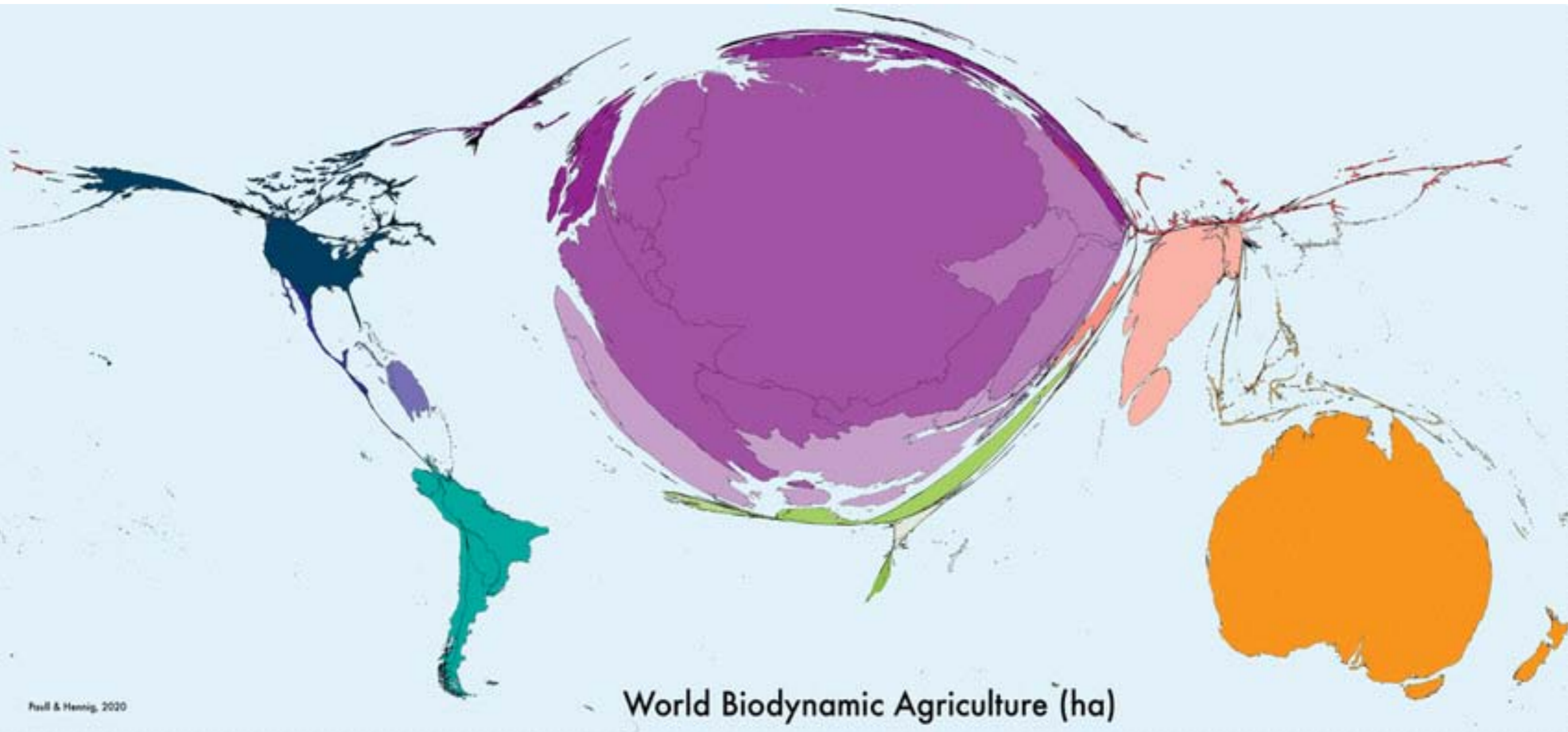
BD Opportunity: EU to be 25% Organic by 2030

WORLD



BD is 0.06% of world agriculture
Organics is 2% of world agriculture
Chemical is 98% of world agriculture

Fix & challenge?



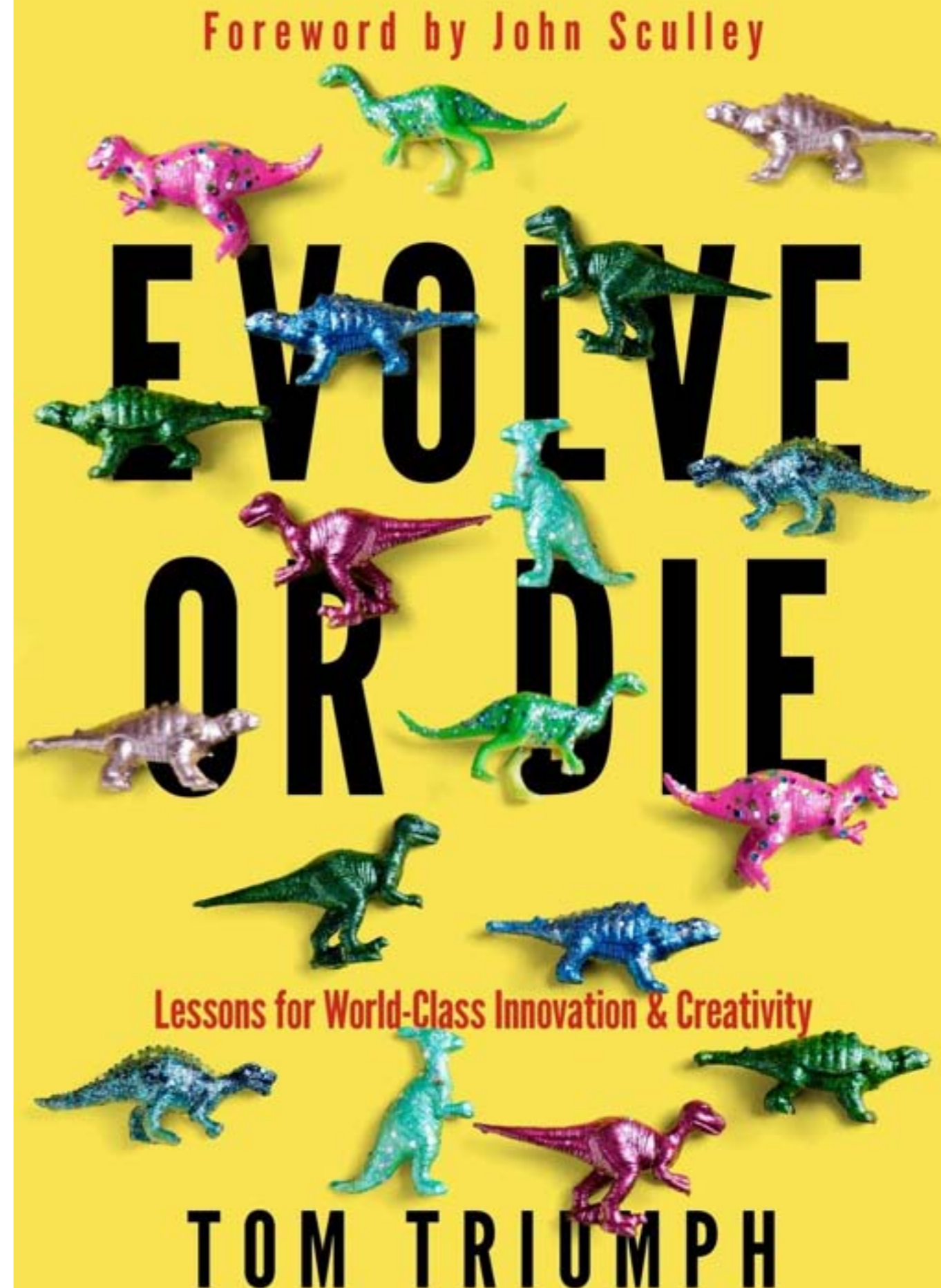
Biodynamic agriculture: 309,500 hectares*
60 countries
Australia? No BFDI & 3 BD certifiers

#2 What if

evolve or die?

evolution of ...

- BD?
- BFDI?
- Demeter?
- preps?



#3 What if

Rudolf Steiner was Australian?

... or Indian or African or American or ...?

























What would Rudolf Steiner's "hints" be?

BD - one size fits all?

with different ...

- Light
- Soils
- Plants
- Animals
- Crops
- Seasons



The “hints”

- potions?
- prescriptions?
- particularities?
- principles?



The job of the Koberwitzer?

1. Find out what works
2. Tell the world

Rudolf Steiner



Thank you Questions

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“Celebrating 100 years of Biodynamics”

“To mark the opening of our 100 years anniversary assembly, Dr. John Paull, environmental scientist of the University of Tasmania and distinguished expert on the history of biodynamic and organic agriculture at global level, will take us on a journey back to the original Koberwitz moment. We will get a taste of what it was like to be part of Rudolf Steiner's Agriculture Course back in 1924”.

**Biodynamic Federation Demeter International (BFDI),
June 2024**



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